



3 1761 11648546 7




Government  
Publications



Government  
Publications





Digitized by the Internet Archive  
in 2023 with funding from  
University of Toronto



A1 T 66  
- A56

15th

4497

# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

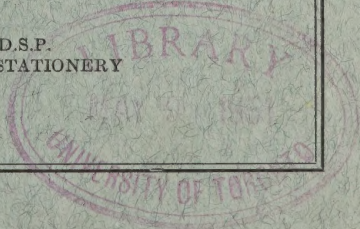
For Calendar Year

## 1950

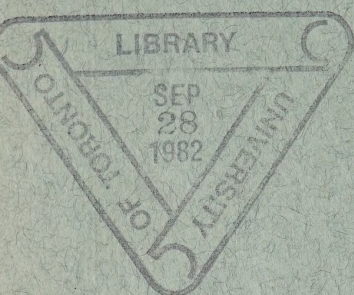


OTTAWA  
EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
KING'S PRINTER AND CONTROLLER OF STATIONERY  
1951

Price, 25 cents









ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

1950



OTTAWA  
EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
KING'S PRINTER AND CONTROLLER OF STATIONERY  
1951

## NATIONAL HARBOURS BOARD

|   |   |
|---|---|
| R. K. Smith, K.C.....                   | Chairman.   |
| J. E. St. Laurent, C.M.G., M.E.I.C..... | Vice-Chairman.  |
| B. J. Roberts, C.B.E.....               | Member.   |
| <hr/>                                   |   |
| C. P. Buckley.....                      | Secretary.  |
| T. M. Bryson, M.B.E.....                | Assistant Secretary.  |
| E. G. Cameron, M.E.I.C.....             | Chief Engineer.   |
| W. C. Perron.....                       | Traffic Officer.  |
| <hr/>                                   |   |
| Halifax.....                            | R. W. Hendry, M.B.E..... Port Manager.                          |
| Saint John.....                         | Russell Yuill, M.B.E., M.E.I.C..... Port Manager.               |
| Chicoutimi.....                         | Albert Maltais..... Port Manager.                               |
| Quebec.....                             | Louis Beaudry, M.E.I.C..... Port Manager and<br>Chief Engineer. |
| Three Rivers.....                       | J. R. Lariviere..... Port Manager.                              |
| Montreal.....                           | A. G. Murphy, M.E.I.C..... Port Manager.                        |
| Prescott.....                           | Alex. Ross..... Superintendent.                                 |
| Port Colborne....                       | C. A. Bennett..... Superintendent.                              |
| Churchill.....                          | W. N. Twolan..... Port Manager.                                 |
| Vancouver.....                          | A. E. McMaster, O.B.E..... Port Manager.                        |



OTTAWA, MARCH 14, 1951.

The Honourable Lester B. Pearson, K.C., M.P.,  
Minister of Transport,  
Ottawa.

Under the provisions of the Act of The National Harbours Board Act, as amended, the Board is pleased to submit the 1950-51 Annual Report of the National Harbours Board, covering the operations for the calendar year 1950 at the harbours of Montreal, Saint John, Vancouver, Quebec, Three Rivers, Montreal, Chicoutimi and Saguenay, and the Corporation of the National Harbours Board.

## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Consolidated Income Statement.....   | 15   |
| Consolidated Balance Sheet.....      | 16   |
| Harbour of Halifax.....              | 18   |
| Harbour of Saint John.....           | 24   |
| Harbour of Chicoutimi.....           | 30   |
| Harbour of Quebec.....               | 35   |
| Harbour of Three Rivers.....         | 41   |
| Harbour of Montreal.....             | 46   |
| Jacques Cartier Bridge.....          | 54   |
| Prescott Elevator.....               | 56   |
| Port Colborne Elevator.....          | 59   |
| Harbour of Churchill.....            | 62   |
| Harbour of Vancouver.....            | 67   |
| Second Narrows Bridge.....           | 74   |
| Head Office, Ottawa.....             | 76   |





# NATIONAL HARBOURS BOARD

OTTAWA, March 14, 1951.

To the Honourable LIONEL CHEVRIER, K.C., M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of The National Harbours Board Act, we have the honour to submit the fifteenth annual report of the National Harbours Board, covering the operations for the calendar year 1950, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver and the Government grain elevators at Prescott and Port Colborne.

## SHIPPING

Vessel arrivals in 1950 numbered 46,154, the aggregate net registered tonnage being 37,115,589. The comparable figures for 1949 were 44,067 vessels, aggregating 34,723,963 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 46,154                  | 37,115,589                   |
| 1949.....          | 44,067                  | 34,723,963                   |
| 1948.....          | 43,627                  | 33,006,672                   |
| 1947.....          | 42,876                  | 29,856,603                   |
| 1946.....          | 39,823                  | 26,878,748                   |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 46,176                  | 37,161,450                   |
| 1949.....          | 43,958                  | 34,738,922                   |
| 1948.....          | 43,175                  | 33,002,902                   |
| 1947.....          | 42,692                  | 29,986,725                   |
| 1946.....          | 39,955                  | 26,899,044                   |

(Exclusive of Naval Vessels.)

## CARGO TONNAGE

The aggregate cargo tonnage in 1950 at all harbours administered by the Board was 36,615,483, as compared with 33,713,796 in 1949. The increase over the previous year was 2,901,687 tons, or 8 per cent. The outstanding feature was an increase of 3,303,248, or 37 per cent, in foreign inward traffic. Foreign outward tonnage decreased by 1,636,289 tons, or 16 per cent. A reduction in the volume of grain exports was responsible for about 60 per cent of the drop in export tonnage. Domestic traffic, both inward and outward, showed gains, the total being 1,234,728 tons greater than in 1949.

Of commodities moving in volume, petroleum and petroleum products showed the large increase of over 2,000,000 tons over the previous year. Substantial increases in total tonnages were also shown for bituminous coal, motor vehicles, lumber, pulpwood, manganese ores, anthracite coal, sugar and wheat flour. Grain showed a drop of nearly 1,200,000 tons, and miscellaneous general cargo items were lower.

The following statement summarizes the volume of water-borne cargo tonnage in 1950 and the four previous years:

### CARGO TONNAGE—SUMMARY

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1950.....        | 12,269,442 | 8,417,922  | 20,687,364 |
| 1949.....        | 8,966,194  | 10,054,211 | 19,020,405 |
| 1948.....        | 9,412,452  | 9,418,245  | 18,830,697 |
| 1947.....        | 8,367,607  | 11,295,790 | 19,663,397 |
| 1946.....        | 6,629,129  | 10,873,318 | 17,502,447 |
| <i>Domestic—</i> |            |            |            |
| 1950.....        | 9,939,999  | 5,988,120  | 15,928,119 |
| 1949.....        | 9,731,343  | 4,962,048  | 14,693,391 |
| 1948.....        | 8,834,079  | 4,118,810  | 12,952,889 |
| 1947.....        | 7,561,578  | 3,938,832  | 11,500,410 |
| 1946.....        | 6,516,001  | 3,153,572  | 9,669,573  |
| <i>Total—</i>    |            |            |            |
| 1950.....        | 22,209,441 | 14,406,042 | 36,615,483 |
| 1949.....        | 18,697,537 | 15,016,259 | 33,713,796 |
| 1948.....        | 18,246,531 | 13,537,055 | 31,783,586 |
| 1947.....        | 15,929,185 | 15,234,622 | 31,163,807 |
| 1946.....        | 13,145,130 | 14,026,890 | 27,172,020 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## REVENUES AND EXPENDITURES

### OPERATING REVENUES

Operating revenues of all units administered by the Board amounted to \$15,165,345, which is a record figure and compares with \$14,072,697 in 1949. The increase was \$1,092,648, or nearly 8 per cent. Wharves and piers produced about 11 per cent more revenue than in the previous year. Other facilities showed moderate gains. Grain elevator earnings, notwithstanding the decrease in quantities handled, were slightly higher than in 1949, due to more storage.

### OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1950 were \$8,675,006, as against \$8,160,622 in 1949, an increase of \$514,384, or 6 per cent. Outlay on maintenance of properties was \$2,192,000, as compared with \$2,064,000 in the previous year.

Operating income in 1950 showed a gain of \$578,264, the comparable figures being \$6,490,339 in 1950, as against \$5,912,075 in 1949.

After taking into account debits and credits to income and charging interest and reserve for replacements, operations for 1950 resulted in a net income deficit of \$787,650. This compares with a deficit of \$1,493,517 in 1949. The deficit, therefore, decreased by \$705,867. A factor in this improvement, apart from the better operating results, was the reduction in interest charges on Jacques Cartier bridge debt arising from the refunding put through in November, 1949.

### TARIFFS OF CHARGES

Adjustments in grain elevator charges, in conformity with changes in maximum rates authorized by the Board of Grain Commissioners, were put into force as of August 1, 1950.

At Vancouver, terminal railway charges were increased 20 per cent during 1950 pursuant to increases made by Canadian railways; handling, car loading and car unloading charges were increased 20 per cent, effective November 1,



1950, to meet higher labour costs; also, as of June 1, 1950, an increase in dockage charges was made in conformity with rates applicable at privately-operated terminals.

Otherwise, harbour charges were unchanged, the basic tariffs of harbour dues, dockage and top wharfage applicable at harbours in Eastern Canada having been in force at the same rates since 1938.

#### CONSOLIDATED STATEMENT—SEVEN HARBOURS

The seven harbours administered by local commissioners prior to 1936—Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver—had aggregate operating revenues in 1950 of \$13,924,837, as compared with \$13,066,488 in 1949. The increase was \$858,349, or 7 per cent. Expenses of administration, operation and maintenance increased from \$7,376,641 in 1949 to \$7,648,490 in 1950, the difference being \$271,849, or 4 per cent. Operating income increased from \$5,689,847 in 1949 to \$6,276,347 in 1950.

After taking into account income debits and credits and charging interest and reserve for replacements, a net income deficit of \$1,002,755 was shown for these harbours in 1950, as compared with a deficit of \$1,717,375 in the previous year.

During the period that these harbours have been under the administration of the Board, annual revenues have increased by \$5,900,000, and operating expenses have risen by \$3,200,000. The annual deficit position has shown an improvement of \$4,800,000, due in part to the increase in operating income and in part to a reduction in interest rates on borrowed capital.

It is to be observed, however, as regards harbours in Eastern Canada, that had it not been for the comparatively high level of grain elevator earnings in the past two years, a deteriorating rather than an improving result would have been shown. In other words, earnings from other facilities have not kept pace with the higher costs of operation and maintenance.

The following is a comparative income statement for the seven harbours referred to for each of the years 1946 to 1950 inclusive:

#### CONSOLIDATED INCOME STATEMENT

HARBOURS OF HALIFAX, SAINT JOHN, CHICOUTIMI, QUEBEC, THREE RIVERS,  
MONTREAL AND VANCOUVER

|   | 1950       | 1949       | 1948       | 1947       | 1946       |
|---|------------|------------|------------|------------|------------|
|   | \$         | \$         | \$         | \$         | \$         |
| OPERATING REVENUES.....                 | 13,924,837 | 13,066,488 | 12,179,849 | 11,267,227 | 11,113,296 |
| OPERATING AND MAINTENANCE EXPENSES..... | 7,648,490  | 7,376,641  | 6,937,573  | 6,464,097  | 6,051,075  |
| Operating Income.....                   | 6,276,347  | 5,689,847  | 5,242,276  | 4,803,130  | 5,062,221  |
| MISCELLANEOUS CREDITS (Net).....        | 99,115     | 120,911    | 36,708     | 22,938     | 111,928    |
| Total Income.....                       | 6,177,232  | 5,568,936  | 5,205,568  | 4,826,068  | 5,174,149  |
| INTEREST DUE PUBLIC.....                | 33,572     | 832,285    | 1,001,232  | 1,019,872  | 1,040,497  |
|   | 6,143,660  | 4,736,651  | 4,204,336  | 3,806,196  | 4,133,652  |
| OTHER INCOME REQUIREMENTS—              |            |            |            |            |            |
| Reserve for Replacements.....           | 1,934,413  | 1,928,002  | 1,922,470  | 1,941,557  | 1,938,590  |
| Interest Due Government.....            | 5,212,002  | 4,642,606  | 4,494,394  | 4,577,116  | 7,062,765  |
|   | 7,146,415  | 6,570,608  | 6,416,864  | 6,518,673  | 9,001,355  |
|   | 1,002,755  | 1,833,957  | 2,212,528  | 2,712,477  | 4,867,703  |
| Deduct—                                 |            |            |            |            |            |
| Special Contributions to Deficit        |            |            |            |            |            |
| (Bridge—Montreal).....                  | .....      | 116,582    | 189,924    | 282,346    | 300,000    |
| Net Income Deficit.....                 | 1,002,755  | 1,717,375  | 2,022,604  | 2,430,131  | 4,567,703  |

# PRESCOTT, PORT COLBORNE AND CHURCHILL

Consolidated income statement for the three Government facilities transferred to the Board for administration in 1937—grain elevators at Prescott and Port Colborne and the harbour of Churchill—showed operating revenues of \$1,240,508 in 1950, as compared with \$1,006,209 in the previous year. Operating and maintenance expenses were \$1,026,516 in 1950, as against \$783,980 in 1949. The three units showed a surplus of \$215,104 in 1950, slightly less than the surplus of \$223,857 reported for the previous year. Both Prescott and Port Colborne showed increases in earnings but these were offset by Churchill's greater deficit which was due to periodic harbour dredging being required in 1950. The accounts for these facilities do not include charges for interest or reserve for replacements, other than a small amount for interest on capital expended since these units were transferred to the Board.

The following is a consolidated income statement for these facilities for 1950, showing also comparative figures for the preceding four years:

## CONSOLIDATED INCOME STATEMENT

### PRESCOTT AND PORT COLBORNE ELEVATORS AND HARBOUR OF CHURCHILL

|                                     | 1950      | 1949      | 1948    | 1947    | 1946    |
|-------------------------------------|-----------|-----------|---------|---------|---------|
|                                     | \$        | \$        | \$      | \$      | \$      |
| OPERATING REVENUES.....             | 1,240,508 | 1,006,209 | 650,935 | 563,682 | 408,255 |
| OPERATING AND MAINTENANCE EXPENSES  | 1,026,516 | 783,980   | 671,005 | 546,677 | 415,531 |
|                                     | 213,992   | 222,229   | 20,070  | 17,005  | 7,276   |
| OTHER DEBITS AND CREDITS (Net)..... | 1,112     | 1,628     | 321     | 3,064   | 16,301  |
| Net Income Surplus or Deficit..     | 215,104   | 223,857   | 19,749  | 20,069  | 9,025   |

The following statistical record is submitted showing operating revenues, operating expenses and operating income of each unit under the administration of the Board, together with combined totals for all units:

|              |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--------------|------|-----------------------|-----------------------|---------------------|
|              |      | \$                    | \$                    | \$                  |
| Halifax..... | 1935 | 500,936               | 504,851               | \$,915*             |
|              | 1936 | 510,179               | 433,040               | 77,139              |
|              | 1937 | 581,740               | 429,472               | 152,268             |
|              | 1938 | 599,856               | 420,765               | 179,091             |
|              | 1939 | 744,470               | 420,841               | 323,629             |
|              | 1940 | 1,225,787             | 547,285               | 678,502             |
|              | 1941 | 1,593,478             | 803,052               | 790,426             |
|              | 1942 | 1,832,318             | 889,120               | 943,198             |
|              | 1943 | 1,848,330             | 1,000,664             | 847,666             |
|              | 1944 | 1,801,217             | 1,116,104             | 685,113             |
|              | 1945 | 1,653,732             | 1,033,935             | 619,797             |
|              | 1946 | 1,243,649             | 834,893               | 408,756             |
|              | 1947 | 1,161,261             | 800,168               | 361,093             |
|              | 1948 | 1,270,564             | 862,529               | 408,035             |
|              | 1949 | 1,300,605             | 893,699               | 406,906             |
|              | 1950 | 1,158,425             | 895,757               | 262,668             |

\*Deficit.



|                   |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|-------------------|------|-----------------------|-----------------------|---------------------|
|                   |      | \$                    | \$                    | \$                  |
| Saint John.....   | 1935 | 322,954               | 272,860               | 50,094              |
|                   | 1936 | 367,448               | 256,380               | 111,068             |
|                   | 1937 | 435,952               | 240,302               | 195,650             |
|                   | 1938 | 445,726               | 242,544               | 203,182             |
|                   | 1939 | 466,004               | 237,882               | 228,122             |
|                   | 1940 | 661,359               | 258,901               | 402,458             |
|                   | 1941 | 776,066               | 264,971               | 511,095             |
|                   | 1942 | 1,133,509             | 319,114               | 814,395             |
|                   | 1943 | 1,492,579             | 440,134               | 1,052,445           |
|                   | 1944 | 1,423,537             | 512,482               | 911,055             |
|                   | 1945 | 1,458,507             | 494,698               | 963,809             |
|                   | 1946 | 933,497               | 459,627               | 473,870             |
|                   | 1947 | 945,198               | 488,756               | 456,442             |
|                   | 1948 | 805,364               | 472,365               | 332,999             |
|                   | 1949 | 715,423               | 501,163               | 214,260             |
|                   | 1950 | 627,860               | 511,328               | 116,532             |
| Chicoutimi.....   | 1935 | 13,328                | 20,401                | 7,073*              |
|                   | 1936 | 21,307                | 18,639                | 2,668               |
|                   | 1937 | 21,750                | 14,361                | 7,389               |
|                   | 1938 | 21,254                | 13,374                | 7,880               |
|                   | 1939 | 20,414                | 14,078                | 6,336               |
|                   | 1940 | 34,139                | 15,247                | 18,892              |
|                   | 1941 | 30,339                | 16,100                | 14,239              |
|                   | 1942 | 30,067                | 16,887                | 13,180              |
|                   | 1943 | 32,016                | 25,880                | 6,136               |
|                   | 1944 | 31,923                | 18,402                | 13,521              |
|                   | 1945 | 30,723                | 20,719                | 10,004              |
|                   | 1946 | 32,666                | 17,178                | 15,488              |
|                   | 1947 | 40,573                | 21,407                | 19,166              |
|                   | 1948 | 50,310                | 20,512                | 29,798              |
|                   | 1949 | 58,386                | 19,440                | 38,946              |
|                   | 1950 | 69,816                | 22,172                | 47,644              |
| Quebec.....       | 1935 | 466,474               | 781,758               | 315,284*            |
|                   | 1936 | 482,542               | 673,838               | 191,296*            |
|                   | 1937 | 447,780               | 572,334               | 124,554*            |
|                   | 1938 | 488,013               | 537,316               | 49,303*             |
|                   | 1939 | 469,424               | 492,203               | 22,779*             |
|                   | 1940 | 684,988               | 504,078               | 180,910             |
|                   | 1941 | 710,867               | 583,546               | 127,321             |
|                   | 1942 | 620,030               | 760,012               | 139,982*            |
|                   | 1943 | 762,644               | 643,458               | 119,186             |
|                   | 1944 | 913,705               | 669,903               | 243,802             |
|                   | 1945 | 944,190               | 797,714               | 146,476             |
|                   | 1946 | 672,264               | 678,427               | 6,163*              |
|                   | 1947 | 627,732               | 691,609               | 63,877*             |
|                   | 1948 | 684,128               | 833,283               | 149,155*            |
|                   | 1949 | 871,022               | 813,289               | 57,733              |
|                   | 1950 | 978,667               | 818,594               | 160,073             |
| Three Rivers..... | 1935 | 93,076                | 47,837                | 45,239              |
|                   | 1936 | 122,347               | 32,191                | 90,156              |
|                   | 1937 | 172,309               | 18,023                | 154,286             |
|                   | 1938 | 191,881               | 33,242                | 158,639             |
|                   | 1939 | 165,682               | 18,147                | 147,535             |
|                   | 1940 | 237,924               | 44,905                | 193,019             |
|                   | 1941 | 243,911               | 38,930                | 204,981             |
|                   | 1942 | 185,738               | 22,603                | 163,135             |
|                   | 1943 | 199,023               | 18,011                | 181,012             |
|                   | 1944 | 224,933               | 55,489                | 169,444             |
|                   | 1945 | 294,648               | 32,165                | 262,483             |
|                   | 1946 | 229,882               | 29,822                | 200,060             |
|                   | 1947 | 235,765               | 50,242                | 185,523             |
|                   | 1948 | 219,712               | 43,264                | 176,448             |
|                   | 1949 | 213,745               | 45,194                | 168,551             |
|                   | 1950 | 265,209               | 64,159                | 201,050             |

\*Deficit.

|  |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|------|-----------------------|-----------------------|---------------------|
|  |      | \$                    | \$                    | \$                  |
| Montreal.....                          | 1935 | 4,032,770             | 2,394,967             | 1,637,803           |
|  | 1936 | 4,238,836             | 2,209,179             | 2,029,657           |
|  | 1937 | 4,377,350             | 2,136,800             | 2,240,550           |
|  | 1938 | 4,917,837             | 2,095,656             | 2,822,181           |
|  | 1939 | 4,469,097             | 1,987,928             | 2,481,169           |
|  | 1940 | 5,117,818             | 2,116,681             | 3,001,137           |
|  | 1941 | 5,174,415             | 2,214,748             | 2,959,667           |
|  | 1942 | 3,797,440             | 2,167,596             | 1,629,844           |
|  | 1943 | 3,786,305             | 2,039,507             | 1,746,798           |
|  | 1944 | 4,698,030             | 2,212,488             | 2,485,542           |
|  | 1945 | 5,484,859             | 2,928,685             | 2,556,174           |
|  | 1946 | 4,897,323             | 2,937,201             | 1,960,122           |
|  | 1947 | 4,990,919             | 3,083,883             | 1,907,036           |
|  | 1948 | 5,608,899             | 3,186,639             | 2,422,260           |
|  | 1949 | 6,272,697             | 3,663,798             | 2,608,899           |
|  | 1950 | 6,324,037             | 3,500,606             | 2,823,431           |
| Jacques Cartier Bridge (Montreal)..... | 1935 | 347,698               | 145,439               | 202,259             |
|  | 1936 | 354,867               | 91,861                | 263,006             |
|  | 1937 | 423,785               | 84,550                | 339,235             |
|  | 1938 | 445,945               | 91,785                | 354,160             |
|  | 1939 | 463,124               | 91,266                | 371,858             |
|  | 1940 | 474,270               | 103,167               | 371,103             |
|  | 1941 | 589,768               | 105,870               | 483,898             |
|  | 1942 | 537,406               | 102,903               | 434,503             |
|  | 1943 | 520,120               | 97,020                | 423,100             |
|  | 1944 | 600,237               | 99,098                | 501,139             |
|  | 1945 | 604,629               | 105,422               | 499,207             |
|  | 1946 | 730,701               | 113,337               | 617,364             |
|  | 1947 | 835,097               | 118,779               | 716,318             |
|  | 1948 | 974,764               | 129,372               | 845,392             |
|  | 1949 | 1,104,921             | 141,727               | 963,194             |
|  | 1950 | 1,231,537             | 148,385               | 1,083,152           |
| Prescott.....                          | 1936 | 173,671               | 92,715                | 80,956              |
|  | 1937 | 57,257                | 81,888                | 24,631*             |
|  | 1938 | 68,989                | 75,204                | 6,215*              |
|  | 1939 | 242,741               | 74,778                | 167,963             |
|  | 1940 | 284,271               | 93,384                | 190,887             |
|  | 1941 | 215,606               | 86,126                | 129,480             |
|  | 1942 | 233,718               | 82,399                | 151,319             |
|  | 1943 | 112,691               | 74,418                | 38,273              |
|  | 1944 | 257,750               | 110,575               | 147,175             |
|  | 1945 | 195,723               | 119,422               | 76,301              |
|  | 1946 | 111,911               | 101,812               | 10,099              |
|  | 1947 | 136,750               | 119,687               | 17,063              |
|  | 1948 | 120,037               | 160,253               | 40,216*             |
|  | 1949 | 264,004               | 150,155               | 113,849             |
|  | 1950 | 283,680               | 143,904               | 139,776             |
| Port Colborne.....                     | 1936 | 190,723               | 114,495               | 76,228              |
|  | 1937 | 126,457               | 99,546                | 26,911              |
|  | 1938 | 249,622               | 133,319               | 116,303             |
|  | 1939 | 255,659               | 119,207               | 136,452             |
|  | 1940 | 212,648               | 91,660                | 120,988             |
|  | 1941 | 164,167               | 79,937                | 84,230              |
|  | 1942 | 171,280               | 73,100                | 98,180              |
|  | 1943 | 129,905               | 74,153                | 55,752              |
|  | 1944 | 239,703               | 97,106                | 142,597             |
|  | 1945 | 292,777               | 145,711               | 147,066             |
|  | 1946 | 223,631               | 140,494               | 83,137              |
|  | 1947 | 208,871               | 142,265               | 66,606              |
|  | 1948 | 252,185               | 189,414               | 62,771              |
|  | 1949 | 485,718               | 293,881               | 191,837             |
|  | 1950 | 588,357               | 325,954               | 262,403             |

\*Deficit.



|  | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|-----------------------|-----------------------|---------------------|
|  | \$                    | \$                    | \$                  |
| Churchill.....1936                         | 84,443                | 280,458               | 196,015*            |
| 1937                                       | 6,418                 | 148,331               | 141,913*            |
| 1938                                       | 83,867                | 136,491               | 52,624*             |
| 1939                                       | 108,264               | 154,672               | 46,408*             |
| 1940                                       | 70,518                | 110,184               | 39,666*             |
| 1941                                       | 70,267                | 102,499               | 32,232*             |
| 1942                                       | 144,782               | 139,348               | 5,434               |
| 1943                                       | 95,860                | 132,372               | 36,512*             |
| 1944                                       | 71,028                | 128,635               | 57,607*             |
| 1945                                       | 66,785                | 152,666               | 85,881*             |
| 1946                                       | 72,713                | 173,225               | 100,512*            |
| 1947                                       | 218,061               | 284,725               | 66,664*             |
| 1948                                       | 278,712               | 321,337               | 42,625*             |
| 1949                                       | 256,487               | 339,944               | 83,457*             |
| 1950                                       | 368,472               | 556,659               | 188,187*            |
| Vancouver.....1935                         | 1,537,044             | 736,554               | 800,490             |
| 1936                                       | 1,792,980             | 718,997               | 1,073,983           |
| 1937                                       | 1,636,648             | 708,830               | 927,818             |
| 1938                                       | 1,453,905             | 566,397               | 887,508             |
| 1939                                       | 1,578,036             | 590,743               | 987,293             |
| 1940                                       | 1,480,904             | 568,853               | 912,051             |
| 1941                                       | 1,476,586             | 568,309               | 908,277             |
| 1942                                       | 1,568,977             | 588,502               | 980,475             |
| 1943                                       | 1,736,959             | 670,930               | 1,066,029           |
| 1944                                       | 2,138,666             | 916,767               | 1,221,899           |
| 1945                                       | 2,199,550             | 956,434               | 1,243,116           |
| 1946                                       | 2,184,238             | 918,664               | 1,265,574           |
| 1947                                       | 2,206,235             | 1,142,027             | 1,064,208           |
| 1948                                       | 2,311,011             | 1,293,633             | 1,017,378           |
| 1949                                       | 2,260,677             | 1,209,250             | 1,051,427           |
| 1950                                       | 2,985,966             | 1,594,580             | 1,391,386           |
| Second Narrows Bridge (Vancouver).....1935 | 113,168               | 71,083                | 42,085              |
| 1936                                       | 140,089               | 60,586                | 79,503              |
| 1937                                       | 164,899               | 62,611                | 102,288             |
| 1938                                       | 178,039               | 62,630                | 115,409             |
| 1939                                       | 110,225               | 57,074                | 53,151              |
| 1940                                       | 117,569               | 52,480                | 65,089              |
| 1941                                       | 143,955               | 55,201                | 88,754              |
| 1942                                       | 161,535               | 58,193                | 103,342             |
| 1943                                       | 144,645               | 61,024                | 83,621              |
| 1944                                       | 137,585               | 62,037                | 75,548              |
| 1945                                       | 169,701               | 63,677                | 106,024             |
| 1946                                       | 189,076               | 61,925                | 127,151             |
| 1947                                       | 224,447               | 67,226                | 157,221             |
| 1948                                       | 255,096               | 95,974                | 159,122             |
| 1949                                       | 269,012               | 89,082                | 179,930             |
| 1950                                       | 283,319               | 92,908                | 190,411             |
| All Units.....1935                         | 17,427,448            | 4,975,750             | 2,451,698           |
| 1936                                       | 8,479,432             | 4,982,379             | 3,497,053           |
| 1937                                       | 8,452,355             | 4,598,442             | 3,853,913           |
| 1938                                       | 9,144,935             | 4,408,724             | 4,736,211           |
| 1939                                       | 9,093,140             | 4,258,821             | 4,834,319           |
| 1940                                       | 10,602,199            | 4,506,827             | 6,095,372           |
| 1941                                       | 11,189,428            | 4,919,289             | 6,270,139           |
| 1942                                       | 10,416,805            | 5,219,781             | 5,197,024           |
| 1943                                       | 10,861,081            | 5,277,574             | 5,583,507           |
| 1944                                       | 12,538,318            | 5,999,089             | 6,539,229           |
| 1945                                       | 13,395,824            | 6,851,248             | 6,544,576           |
| 1946                                       | 11,521,551            | 6,466,606             | 5,054,945           |
| 1947                                       | 11,830,910            | 7,010,775             | 4,820,135           |
| 1948                                       | 12,830,784            | 7,608,578             | 5,222,206           |
| 1949                                       | 14,072,697            | 8,160,622             | 5,912,075           |
| 1950                                       | 15,165,345            | 8,675,006             | 6,490,339           |

\*Deficit. †Does not include Prescott Elevator, Port Colborne Elevator and Churchill Harbour.

## CAPITAL EXPENDITURES

Expenditures incurred in 1950 on capital and replacement works amounted to \$3,521,234, of which \$2,993,170 was charged to capital and \$528,064 to reserve funds. The distribution of these expenditures was as follows:

|  |              |
|--|--------------|
| <i>Capital—</i>                        |              |
| Halifax.....                           | \$ 496,606   |
| Saint John.....                        | 260,452      |
| Chicoutimi.....                        | 558          |
| Quebec.....                            | 260,250      |
| Montreal.....                          | 1,514,824    |
| Port Colborne.....                     | 120,283      |
| Churchill.....                         | 249,954      |
| Vancouver.....                         | 90,243       |
|  | <hr/>        |
|  | \$ 2,993,170 |
| <i>Replacement of Physical Assets—</i> |              |
| Halifax.....                           | \$ 221,699   |
| Saint John.....                        | 6,554        |
| Quebec.....                            | 18,515       |
| Montreal.....                          | 277,118      |
| Vancouver.....                         | 4,178        |
|  | <hr/>        |
|  | 528,064      |
|  | <hr/>        |
|  | \$ 3,521,234 |

Capital expenditures are financed from advances made to the Board by the Government, on the deposit of certificates of indebtedness bearing interest at 2 $\frac{3}{4}$  per cent per annum.

The book value of fixed assets as at December 31, 1950, was \$234,165,515.

Capital works are referred to in detail in the data submitted for each harbour.

## FINANCE

The following statement sets out the various amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1950 and also the amounts paid to the Treasury from Board funds:

|  |              |
|--|--------------|
| <i>Amounts Required from Government—</i> |              |
| Capital expenditures, 1950.....          | \$ 2,993,170 |
| Deficits—                                |              |
| Churchill.....                           | 188,172      |
|  | <hr/>        |
|  | \$ 3,181,342 |
| <i>Amounts Paid to Government—</i>       |              |
| Interest on Advances.....                | \$ 3,765,641 |
| Surplus earnings (1949)—                 |              |
| Prescott Elevator.....                   | \$ 114,067   |
| Port Colborne Elevator.....              | 193,931      |
|  | <hr/>        |
|  | 307,998      |
| Repayment of advances.....               | 656,078      |
|  | <hr/>        |
|  | \$ 4,729,717 |

## RESERVE FUNDS

As at December 31, 1950, reserve funds for replacement of physical assets (as from January 1, 1936) and for insurance and workmen's compensation amounted to \$30,184,675, the accretion in the year to these funds being \$1,996,323.

The reserves consist of cash on deposit with the Receiver General, \$934,040, and investments in authorized securities, book value \$29,250,635 (market value \$29,076,919).

The amount of the Board's pension fund at the close of the year was \$3,850,073 on deposit with the Receiver General. In addition, miscellaneous



funds, including provision for special maintenance, were held in the amount of \$684,196, represented by cash on deposit with the Receiver General, \$30,494, and authorized investments, book value \$653,702 (market value \$655,920).

As provided by Section 31 of the National Harbours Board Act, separate accounts have been kept for each harbour or property and the revenues of each have been assigned exclusively for its own purposes.

Consolidated income statement and balance sheet, together with similar statements for each harbour and the elevators at Prescott and Port Colborne, as well as Head Office, supplemented by shipping and traffic statistics and information respecting work carried on during the year, are appended to this report.

The Auditor General of Canada has carried on a continuous audit of the accounts.

Respectfully submitted,

R. K. SMITH,  
*Chairman.*

J. E. ST. LAURENT,  
*Vice-Chairman.*

C. P. BUCKLEY,  
*Secretary.*

B. J. ROBERTS.





## NATIONAL HARBOURS BOARD

## CONSOLIDATED INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|   |                        |                      |
|---|------------------------|----------------------|
| <b>OPERATING REVENUES—</b>                                      |                        |                      |
| Harbour General—  |                        |                      |
| Harbour Dues.....   | \$ 249,539 61          |                      |
| Cargo Rates.....  | 779,627 25             |                      |
| Miscellaneous.....  | 946,729 22             |                      |
|   | <u>\$ 1,975,896 08</u> |                      |
| Wharves and Piers—  |                        |                      |
| Top Wharfage.....   | 3,436,265 31           |                      |
| Dockage.....  | 806,407 40             |                      |
| Miscellaneous.....  | 419,544 07             |                      |
|   | <u>4,662,216 78</u>    |                      |
| Permanent Sheds—  |                        |                      |
| Shed Rentals.....   | 527,194 69             |                      |
| Storage.....  | 162,402 40             |                      |
| Miscellaneous.....  | 139,886 09             |                      |
|   | <u>829,483 18</u>      |                      |
| Shed Hoists.....  | 35,198 00              |                      |
| Railway System.....   | 903,156 90             |                      |
| Grain Elevator System—  |                        |                      |
| Elevation.....  | 2,029,299 41           |                      |
| Storage.....  | 1,158,084 07           |                      |
| Rentals.....  | 332,363 69             |                      |
| Miscellaneous.....  | 234,121 95             |                      |
|   | <u>3,753,869 12</u>    |                      |
| Cold Storage System—  |                        |                      |
| Storage.....  | 678,598 79             |                      |
| Miscellaneous.....  | 234,481 55             |                      |
|   | <u>913,080 34</u>      |                      |
| Miscellaneous Services—Outsiders.....                           | 577,588 01             |                      |
| Bridge Tolls and Sundry Receipts.....                           | 1,514,856 65           |                      |
|   | <u>\$15,165,345 06</u> |                      |
| <b>OPERATING EXPENSES—</b>                                      |                        |                      |
| Administration.....   |                        | \$ 1,091,035 55      |
| Operation and Maintenance—                                      |                        |                      |
| Harbour Dredging.....   | \$ 339,691 99          |                      |
| Harbour General.....  | 1,327,920 26           |                      |
| Vehicular Bridges.....  | 10,009 03              |                      |
| Roads, Fences and Boundaries.....                               | 78,382 21              |                      |
| Sewers and Drains.....  | 9,410 94               |                      |
| Wharves and Piers.....  | 437,133 15             |                      |
| Permanent Sheds.....  | 635,760 09             |                      |
| Shed Hoists.....  | 34,611 20              |                      |
| Railway System.....   | 1,138,048 62           |                      |
| Grain Elevator System.....                                      | 2,098,076 75           |                      |
| Cold Storage System.....  | 744,102 24             |                      |
| Miscellaneous Services—Outsiders.....                           | 522,547 34             |                      |
| Bridges.....  | 208,276 89             |                      |
|   | <u>7,583,970 71</u>    |                      |
|   |                        | <u>8,675,006 26</u>  |
| Operating Income.....   |                        | 6,490,338 80         |
| INCOME RECEIVED FROM INVESTMENTS AND RESERVE FUNDS.....         | 855,588 76             |                      |
| MISCELLANEOUS INCOME CREDITS.....                               | 43,325 01              |                      |
|   |                        | <u>898,913 77</u>    |
| Total Income.....   |                        | <u>7,389,252 57</u>  |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |                        |                      |
| Income received from Reserve Funds transferred to Reserves..... | 854,463 52             |                      |
| Reserve for Bad Debts.....                                      | 6,961 81               |                      |
| Miscellaneous Income Charges.....                               | 67,649 49              |                      |
| Bond Redemption Expense and Premium on U.S. Funds.....          | 61,333 68              |                      |
|   |                        | <u>990,408 50</u>    |
| Income Available for Interest Due Public.....                   |                        | <u>6,398,844 07</u>  |
| INTEREST ON DEBT TO THE PUBLIC.....                             |                        | <u>33,572 43</u>     |
|   |                        | <u>6,365,271 64</u>  |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |                        |                      |
| Reserve for Replacements.....                                   | 1,768,258 00           |                      |
| Reserve for Depreciation.....                                   | 166,154 63             |                      |
| Interest Due Government.....                                    | 5,218,509 42           |                      |
|   |                        | <u>7,152,922 05</u>  |
| Net Income Deficit.....   |                        | <u>\$ 787,650 41</u> |

## NATIONAL HARBOURS BOARD

## CONSOLIDATED BALANCE SHEET AS

## ASSETS

## CURRENT—

|  |                 |                 |
|--|-----------------|-----------------|
| Cash—Receiver General and On Hand..... | \$ 2,574,017 49 |                 |
| Accounts Receivable.....               | 2,838,324 56    |                 |
| Advances Due on Capital Account.....   | 34,926 77       |                 |
| Stores on Hand.....                    | 763,747 33      |                 |
| Accrued Revenue.....                   | 228,227 86      |                 |
| Other Assets.....                      | 148,475 00      |                 |
|  |                 | \$ 6,587,719 01 |

## RESERVE FUNDS—

|                                      |               |  |
|--------------------------------------|---------------|--|
| Replacement Fund.....                | 27,924,644 39 |  |
| Fire and General Insurance Fund..... | 1,711,345 11  |  |
| General Workmen's Compensation.....  | 548,685 71    |  |
| N.H.B. Pension Fund.....             | 3,850,073 41  |  |
| Miscellaneous Funds.....             | 684,195 49    |  |

34,718,944 11

## INVESTMENTS.....

44,769 60

## PREPAID CHARGES.....

29,177 06

## DEFERRED DEBITS.....

37,281 92

## BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT (BRIDGE—MONTREAL).....

1,155,117 94

## SECURITY DEPOSITS.....

536,909 93

## FIXED—

|  |               |  |
|--|---------------|--|
| Harbour Dredging.....                          | 12,301,492 34 |  |
| Real Estate.....                               | 12,776,001 76 |  |
| Vehicular Bridges.....                         | 300,388 92    |  |
| Roads, Fences and Boundaries.....              | 1,839,884 58  |  |
| Sewers and Drains.....                         | 689,700 84    |  |
| Miscellaneous Structures.....                  | 756,924 27    |  |
| Wharves and Piers.....                         | 91,179,599 45 |  |
| Permanent Sheds.....                           | 21,430,337 17 |  |
| Shed Hoists and Electric Cranes.....           | 248,972 88    |  |
| Railway System.....                            | 7,177,861 42  |  |
| Grain Elevator System.....                     | 42,292,114 94 |  |
| Cold Storage System.....                       | 5,768,459 39  |  |
| Office Furniture and Appliances.....           | 165,645 40    |  |
| Harbour Buildings.....                         | 991,377 15    |  |
| Central Heating Plants.....                    | 150,657 40    |  |
| Harbour Shops.....                             | 328,896 27    |  |
| Electric Power System.....                     | 1,215,493 00  |  |
| Water Supply System.....                       | 763,387 94    |  |
| Floating Equipment.....                        | 2,181,268 44  |  |
| Shore Equipment.....                           | 923,508 39    |  |
| Miscellaneous Small Plant.....                 | 571,524 43    |  |
| Engineering—General Surveys.....               | 606,402 98    |  |
| Works under Construction.....                  | 5,533,904 13  |  |
| Sundry Expenditure—Undistributed.....          | 5,390,903 96  |  |
| Bridge Construction and Right-of-Way, etc..... | 18,580,807 21 |  |

234,165,514 66

\$277,275,434 23



## NATIONAL HARBOURS BOARD

AT DECEMBER 31, 1950

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

## CURRENT—

|                                    |                 |                 |
|------------------------------------|-----------------|-----------------|
| Accounts Payable.....              | \$ 1,022,244 12 |                 |
| Salaries and Wages Payable.....    | 118,645 59      |                 |
| Accrued Interest Due Public.....   | 14,797 82       |                 |
| Matured Debentures Due Public..... | 4,500 00        |                 |
| Other Current Liabilities.....     | 7,856 56        |                 |
|                                    | <hr/>           | \$ 1,168,044 09 |

|  |              |
|--|--------------|
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 536,909 93   |
| CONTRACTORS' HOLDBACKS—CONSTRUCTION.....   | 50,464 65    |
| PROVISION FOR EMPLOYEES' PENSIONS.....     | 3,850,073 41 |
| DEFERRED REVENUE.....                      | 224,116 84   |
| DEBENTURE INDEBTEDNESS TO PUBLIC.....      | 671,282 35   |
|  | <hr/>        |
|  | 6,500,891 27 |

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

## Loans and Advances—

|                           |                  |                |
|---------------------------|------------------|----------------|
| Non-Interest Bearing..... | \$ 50,942,225 44 |                |
| Interest Bearing.....     | 186,661,206 08   |                |
| Accrued Interest.....     | 31,806,406 64    |                |
|                           | <hr/>            | 269,409,838 16 |

## Reserves for—

|                                 |               |               |
|---------------------------------|---------------|---------------|
| Replacement.....                | 30,509,338 52 |               |
| Fire and General Insurance..... | 1,711,433 88  |               |
| Workmen's Compensation.....     | 548,685 71    |               |
| Miscellaneous Purposes.....     | 3,799,560 67  |               |
|                                 | <hr/>         | 36,569,018 78 |

305,978,856 94

## Deficit—

|                              |               |               |
|------------------------------|---------------|---------------|
| As at January 1, 1950.....   | 34,102,778 85 |               |
| Loss on 1950 Operations..... | 787,650 41    |               |
| Other Charges.....           | 313,884 72    |               |
|                              | <hr/>         | 35,204,313 98 |

270,774,542 96

\$277,275,434 23

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific railways. Here, the National Harbours Board operates eight main piers and wharves having about 17,000 linear feet of berthing and being equipped with 13 transit sheds with an aggregate floor area of about 1,112,000 square feet. In addition, the Board operates a 2,200,000 bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour and a marine tower with an unloading capacity of 15,000 bushels per hour; also a cold storage terminal warehouse, with about 1,655,350 cubic feet of storage space, completely fitted with freezing, storing and packing equipment and ample rail connections. A cattle shed with yards and runways, with a capacity of 1,000 head, is provided at a location convenient to both water and rail.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 3,012                   | 4,405,238                    |
| 1949.....          | 2,827                   | 4,305,605                    |
| 1948.....          | 2,579                   | 4,179,092                    |
| 1947.....          | 2,319                   | 3,406,482                    |
| 1946.....          | 2,409                   | 3,803,472                    |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 3,027                   | 4,481,166                    |
| 1949.....          | 2,788                   | 4,245,094                    |
| 1948.....          | 2,577                   | 4,191,991                    |
| 1947.....          | 2,319                   | 3,428,103                    |
| 1946.....          | 2,414                   | 3,811,116                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,350                   | 4,227,737                    | 1,305                   | 4,140,177                    |
| Coastal or inland commercial (including fishery)..... | 1,631                   | 157,358                      | 1,483                   | 134,959                      |
| Other.....  | 31                      | 20,143                       | 39                      | 30,469                       |
| Total.....  | 3,012                   | 4,405,238                    | 2,827                   | 4,305,605                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,368                   | 4,306,036                    | 1,280                   | 4,079,655                    |
| Coastal or inland commercial (including fishery)..... | 1,628                   | 154,987                      | 1,468                   | 134,517                      |
| Other.....  | 31                      | 20,143                       | 40                      | 30,922                       |
| Total.....  | 3,027                   | 4,481,166                    | 2,788                   | 4,245,094                    |

(Exclusive of naval vessels)



# TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1950.....        | 1,898,306 | 562,867   | 2,461,173 |
| 1949.....        | 1,754,331 | 900,026   | 2,654,357 |
| 1948.....        | 1,888,671 | 1,083,417 | 2,972,088 |
| 1947.....        | 1,599,594 | 1,389,391 | 2,988,985 |
| 1946.....        | 1,439,930 | 1,388,881 | 2,828,811 |
| <i>Domestic—</i> |           |           |           |
| 1950.....        | 352,905   | 910,083   | 1,262,988 |
| 1949.....        | 255,567   | 656,331   | 911,898   |
| 1948.....        | 316,892   | 340,226   | 657,118   |
| 1947.....        | 245,887   | 342,587   | 588,474   |
| 1946.....        | 298,512   | 258,389   | 556,901   |
| <i>Total—</i>    |           |           |           |
| 1950.....        | 2,251,211 | 1,472,950 | 3,724,161 |
| 1949.....        | 2,009,898 | 1,556,357 | 3,566,255 |
| 1948.....        | 2,205,563 | 1,423,643 | 3,629,206 |
| 1947.....        | 1,845,481 | 1,731,978 | 3,577,459 |
| 1946.....        | 1,738,442 | 1,647,270 | 3,385,712 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| Commodities   | Inward<br>1950   | Outward<br>1950  | Total<br>1950    | Total<br>1949    |
|---|------------------|------------------|------------------|------------------|
|   | (Tons)           | (Tons)           | (Tons)           | (Tons)           |
| Petroleum Oil, crude.....   | 1,297,694        |                  | 1,297,694        | 1,147,272        |
| Petroleum Oil, fuel.....  | 131,766          | 583,616          | 715,382          | 549,387          |
| Gasoline.....   | 165,756          | 221,967          | 387,723          | 410,531          |
| Coal, bituminous.....   | 201,210          | 2                | 201,212          | 115,880          |
| Grain.....  | 85               | 199,220          | 199,305          | 292,750          |
| Fish (including Shell-fish), dried, pickled, salted or<br>smoked.....           | 27,188           | 56,621           | 83,809           | 57,460           |
| Flour, wheat.....   | 760              | 79,889           | 80,649           | 120,639          |
| Motor Vehicles and Parts.....   | 74,208           | 5,293            | 79,501           | 27,946           |
| Rubber, crude (including Latex).....  | 45,145           | 592              | 45,737           | 24,424           |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                  | 1,874            | 43,696           | 45,570           | 68,968           |
| Cement, common or portland.....   | 44,360           | 318              | 44,678           | 46,525           |
| Potatoes.....   |                  | 43,382           | 43,382           | 28,211           |
| Fish (including Shell-fish), fresh or frozen.....                               | 35,887           | 6,178            | 42,065           | 43,163           |
| Coal, anthracite.....   | 34,286           | 36               | 34,322           | 40,367           |
| Kerosene.....   | 28,452           | 4,057            | 32,509           | 61,905           |
| Tea.....  | 20,480           | 339              | 20,819           | 13,731           |
| Fertilizers and Fertilizer Materials.....                                       | 13,929           | 6,816            | 20,745           | 28,480           |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....   | 57               | 17,455           | 17,512           | 33,361           |
| Grain Products (Mill Products except Wheat Flour).....                          | 303              | 14,583           | 14,886           | 11,853           |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs..... | 16               | 11,872           | 11,888           | 25,734           |
| Salt.....   | 11,289           | 450              | 11,739           | 10,703           |
| Apples.....   |                  | 11,047           | 11,047           | 36,992           |
| Copper Concentrates, Matte and Ore.....   |                  | 10,554           | 10,554           | 16,570           |
| Jute and Jute Manufactures.....   | 10,141           | 36               | 10,177           | 4,916            |
| All Goods not otherwise specified.....  | 106,325          | 154,931          | 261,256          | 348,487          |
| <b>Total.....</b>   | <b>2,251,211</b> | <b>1,472,950</b> | <b>3,724,161</b> | <b>3,566,255</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1950.....         | 37,857 | 3,567    | 41,424 |
| 1949.....         | 60,351 | 13,937   | 74,288 |
| 1948.....         | 73,224 | 14,206   | 87,430 |
| 1947.....         | 34,637 | 14,393   | 49,030 |
| 1946.....         | 73,252 | 10,469   | 83,721 |
| <i>Coastwise—</i> |        |          |        |
| 1950.....         | 244    | 266      | 510    |
| 1949.....         | 632    | 560      | 1,192  |
| 1948.....         |        |          |        |
| 1947.....         |        |          |        |
| 1946.....         |        |          |        |
| <i>Total—</i>     |        |          |        |
| 1950.....         | 38,101 | 3,833    | 41,934 |
| 1949.....         | 60,983 | 14,497   | 75,480 |
| 1948.....         | 73,224 | 14,206   | 87,430 |
| 1947.....         | 34,637 | 14,393   | 49,030 |
| 1946.....         | 73,252 | 10,469   | 83,721 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1950.....         |           | 6,497,777 | 6,497,777  |
| 1949.....         |           | 9,335,862 | 9,335,862  |
| 1948.....         |           | 7,429,622 | 7,429,622  |
| 1947.....         | 15,970    | 7,010,768 | 7,026,738  |
| 1946.....         | 301,219   | 6,573,017 | 6,874,236  |
| <i>Via rail—</i>  |           |           |            |
| 1950.....         | 5,009,257 |           | 5,009,257  |
| 1949.....         | 9,987,343 | 2,000     | 9,989,343  |
| 1948.....         | 8,614,307 | 3,733     | 8,618,040  |
| 1947.....         | 7,313,687 |           | 7,313,687  |
| 1946.....         | 6,066,933 | 134,162   | 6,201,095  |
| <i>Via other—</i> |           |           |            |
| 1950.....         |           | 32,408    | 32,408     |
| 1949.....         |           | 43,044    | 43,044     |
| 1948.....         |           | 42,395    | 42,395     |
| 1947.....         |           | 172,952   | 172,952    |
| 1946.....         |           | 142,077   | 142,077    |
| <i>Total—</i>     |           |           |            |
| 1950.....         | 5,009,257 | 6,530,185 | 11,539,442 |
| 1949.....         | 9,987,343 | 9,380,906 | 19,368,249 |
| 1948.....         | 8,614,307 | 7,475,750 | 16,090,057 |
| 1947.....         | 7,329,657 | 7,183,720 | 14,513,377 |
| 1946.....         | 6,368,152 | 6,849,256 | 13,217,408 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$220,382. The main items were repairs to concrete piles at pier 2; reconstruction of concrete aprons at berths 21 and 28 and at pier 2; weatherproofing walls of the cold storage plant; replacement of timber doors dockside shed 25; replacement portion of steel sash at the grain elevator; and laying new roof coverings on general warehouse, apple and potato, fish and ice storage buildings of the cold storage plant.

## CAPITAL WORKS

Expenditures chargeable either to capital or replacement reserve amounted to \$718,305. The principal items were:

*Construction of Shed 26 and Grain Gallery.*—Construction of the transit shed and grain conveyor gallery which was started in 1948 was completed in 1950 and shed and gallery are in operation.

*Reconstruction of Pier 3.*—Work on the reconstruction of this pier, for which contract was awarded in 1949, progressed, approximately 95 per cent being completed at the year's end.

*Construction of Transit Sheds, Pier 3.*—A contract for the construction of transit sheds 3N and 3S on pier 3 was awarded in November, 1950, to E. G. M. Cape and Company. Each of the sheds will be approximately 726 ft. by 90 ft. with structural steel framing, corrugated iron siding, mill type wood roof and cargo beam. Sheds will have attached office buildings. Construction was started late in December of 1950.

*Construction of Paved Roadway, Pier "A".*—A paved roadway, to serve new shed 26, was constructed in 1950 under contract with the Standard Paving Maritime Limited.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,158,425, as compared with \$1,300,605 in 1949, the decrease being \$142,180. Operating and maintenance expenses increased slightly, being \$895,757 in 1950, as against \$893,699 in the previous year.

After charging interest due the Government and reserve for replacements, the year's operations resulted in a net income deficit of \$331,274, as compared with a deficit of \$138,332 in 1949.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 29,080 20 |              |
| Miscellaneous..... | 7,632 87     |              |
|                    |              | \$ 36,713 07 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 296,414 88 |            |
| Dockage.....       | 95,973 74  |            |
| Miscellaneous..... | 36,688 18  |            |
|                    |            | 429,076 80 |

## Permanent Sheds—

|                    |           |            |
|--------------------|-----------|------------|
| Shed Rentals.....  | 82,037 50 |            |
| Storage.....       | 36,644 31 |            |
| Miscellaneous..... | 53,560 64 |            |
|                    |           | 172,242 45 |

## Grain Elevator System—

|                    |           |            |
|--------------------|-----------|------------|
| Elevation.....     | 77,279 85 |            |
| Storage.....       | 45,250 43 |            |
| Miscellaneous..... | 3,165 85  |            |
|                    |           | 125,696 13 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 227,795 63 |            |
| Miscellaneous..... | 128,972 61 |            |
|                    |            | 356,768 24 |

## Miscellaneous Services—

|                |           |                 |
|----------------|-----------|-----------------|
| Outsiders..... | 37,928 70 |                 |
|                |           | \$ 1,158,425 39 |

## OPERATING EXPENSES—

|                     |               |  |
|---------------------|---------------|--|
| Administration..... | \$ 111,375 38 |  |
|---------------------|---------------|--|

## Operation and Maintenance—

|                                       |            |            |
|---------------------------------------|------------|------------|
| Harbour General.....                  | 54,715 50  |            |
| Roads, Fences and Boundaries.....     | 2,131 90   |            |
| Sewers and Drains.....                | 666 35     |            |
| Wharves and Piers.....                | 66,658 85  |            |
| Permanent Sheds.....                  | 206,839 71 |            |
| Grain Elevator System.....            | 122,088 70 |            |
| Cold Storage System.....              | 301,385 86 |            |
| Miscellaneous Services—Outsiders..... | 29,895 18  |            |
|                                       |            | 784,382 05 |
|                                       |            | 895,757 43 |

|                       |            |
|-----------------------|------------|
| Operating Income..... | 262,667 96 |
|-----------------------|------------|

|   |           |
|---|-----------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 98,087 75 |
|---|-----------|

|                                   |        |           |
|-----------------------------------|--------|-----------|
| MISCELLANEOUS INCOME CREDITS..... | 195 83 |           |
|                                   |        | 98,283 58 |

|                   |            |
|-------------------|------------|
| Total Income..... | 360,951 54 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |           |            |
|---|-----------|------------|
| Income received from Reserve Funds transferred to Reserves..... | 98,087 75 |            |
| Miscellaneous Income Charges.....                               | 1,260 42  |            |
|   |           | 99,357 17  |
|   |           | 261,594 37 |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 200,000 00 |            |
| Interest Due Government.....  | 392,867 92 |            |
|                               |            | 592,867 92 |

|                         |               |
|-------------------------|---------------|
| Net Income Deficit..... | \$ 331,273 55 |
|-------------------------|---------------|

# Harbour of Halifax

## BALANCE SHEET AS AT DECEMBER 31, 1950

### ASSETS

|  |               |
|--|---------------|
| <b>CURRENT—</b>  |               |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 400,974 22 |
| Accounts Receivable.....   | \$ 128,209 89 |
| Less—Reserve for Bad Debts.....                                  | 492 05        |
| Advances Due on Capital Account.....                             | 127,717 84    |
| Stores On Hand.....  | 3,020 93      |
| Accrued Revenue.....   | 46,201 92     |
|  | 14,249 64     |
|  | <u>\$</u>     |

|                                      |              |
|--------------------------------------|--------------|
| CONTRACTORS' SECURITY DEPOSITS.....  | 592,104 55   |
|                                      | 347,947 57   |
| <b>RESERVE FUNDS—</b>                |              |
| Replacement Fund.....                | 3,287,665 62 |
| Fire and General Insurance Fund..... | 164,676 39   |
| Miscellaneous Funds.....             | 5,197 50     |
|                                      | <u></u>      |
| PREFPAID EXPENSES.....               | 3,457,539 51 |
| DEFERRED DEBTS.....                  | 415 70       |
|                                      | 2,713 88     |

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>FIXED—</b>                        |                       |
| Harbour Dredging.....                | 160,815 06            |
| Real Estate.....                     | 532,701 91            |
| Roads, Fences and Boundaries.....    | 247,103 41            |
| Sewers and Drains.....               | 60,611 27             |
| Miscellaneous Structures.....        | 28,387 08             |
| Wharves and Piers.....               | 16,771,883 86         |
| Permanent Sheds.....                 | 5,529,316 76          |
| Grain Elevator System.....           | 2,787,881 70          |
| Cold Storage System.....             | 1,914,100 28          |
| Office Furniture and Appliances..... | 35,084 30             |
| Central Heating Plants.....          | 69,381 05             |
| Electric Power System.....           | 8,409 40              |
| Water Supply System.....             | 100,902 04            |
| Floating Equipment.....              | 58,039 76             |
| Shore Equipment.....                 | 60,346 35             |
| Miscellaneous Small Plant.....       | 58,463 13             |
| Engineering—General Surveys.....     | 475,501 67            |
| Works under Construction.....        | 1,981,228 10          |
|                                      | <u></u>               |
|                                      | 30,880,217 13         |
|                                      | <u>\$5,280,998 34</u> |

### LIABILITIES AND PROPRIETARY EQUITY

|   |              |
|---|--------------|
| <b>CURRENT—</b>                                   |              |
| Accounts Payable.....                             | \$ 70,331 74 |
| Salaries and Wages including \$6.81 unclaimed.... | 12,777 03    |
| Matured Debentures Due Public.....                | 4,500 00     |
| Matured Interest Due Public.....                  | 697 50       |
|   | <u></u>      |
|   | 88,306 27    |
| CONTRACTORS' SECURITY DEPOSITS—CONTRA.....        | 347,947 57   |
| CONTRACTORS' HOLDBACKS—CONSTRUCTION.....          | 39,274 24    |
| DEFERRED REVENUE.....                             | 15,064 71    |
|   | <u></u>      |
|   | 490,592 79   |

### PROPRIETARY EQUITY

|                              |                        |
|------------------------------|------------------------|
| <b>GOVERNMENT OF CANADA—</b> |                        |
| Loans and Advances—          |                        |
| Non-Interest Bearing.....    | \$15,969,292 40        |
| Interest Bearing.....        | 14,925,048 02          |
| Accrued Interest.....        | 1,510,128 11           |
|                              | <u></u>                |
|                              | \$32,404,468 53        |
| <b>Reserves for—</b>         |                        |
| Replacement.....             | 3,287,665 62           |
| Fire and General Insurance.. | 164,765 16             |
|                              | <u></u>                |
|                              | 3,452,430 78           |
| <b>Deficit—</b>              |                        |
| As at January 1, 1950.....   | 35,856,899 31          |
| Loss on 1950 Operations..... | 735,220 21             |
|                              | 331,273 55             |
|                              | <u></u>                |
|                              | 1,066,493 76           |
|                              | <u></u>                |
|                              | 34,790,405 55          |
|                              | <u>\$35,280,998 34</u> |

## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the North Shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. Here the Board operates 10 main wharves and piers having some 13,755 linear feet of berthing with available drafts alongside varying from 25 to 35 feet at extreme low water, and 18 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 868,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,500,000 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and 15-ton and 65-ton floating cranes are available.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 1,606                   | 2,285,926                    |
| 1949.....          | 1,645                   | 2,337,215                    |
| 1948.....          | 1,655                   | 2,366,364                    |
| 1947.....          | 1,593                   | 2,341,455                    |
| 1946.....          | 1,551                   | 2,129,154                    |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 1,595                   | 2,252,988                    |
| 1949.....          | 1,652                   | 2,383,130                    |
| 1948.....          | 1,639                   | 2,372,140                    |
| 1947.....          | 1,602                   | 2,393,916                    |
| 1946.....          | 1,533                   | 2,095,997                    |

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 568                     | 1,716,124                    | 542                     | 1,621,354                    |
| Coastal or inland commercial (including fishery)..... | 988                     | 560,145                      | 1,070                   | 708,699                      |
| Other.....  | 50                      | 9,657                        | 33                      | 7,162                        |
| Total.....  | 1,606                   | 2,285,926                    | 1,645                   | 2,337,215                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 565                     | 1,683,229                    | 552                     | 1,669,133                    |
| Coastal or inland commercial (including fishery)..... | 982                     | 559,930                      | 1,067                   | 706,835                      |
| Other.....  | 48                      | 9,829                        | 33                      | 7,162                        |
| Total.....  | 1,595                   | 2,252,988                    | 1,652                   | 2,383,130                    |

(Exclusive of naval vessels)



## TRAFFIC

### CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1950.....        | 713,918   | 928,617   | 1,642,535 |
| 1949.....        | 605,087   | 1,363,558 | 1,968,645 |
| 1948.....        | 590,021   | 1,622,886 | 2,212,907 |
| 1947.....        | 516,200   | 2,014,997 | 2,531,197 |
| 1946.....        | 547,804   | 1,777,285 | 2,325,089 |
| <i>Domestic—</i> |           |           |           |
| 1950.....        | 335,155   | 93,610    | 428,765   |
| 1949.....        | 347,762   | 99,488    | 447,250   |
| 1948.....        | 453,046   | 81,020    | 534,066   |
| 1947.....        | 392,876   | 89,633    | 482,509   |
| 1946.....        | 425,973   | 91,626    | 517,599   |
| <i>Total—</i>    |           |           |           |
| 1950.....        | 1,049,073 | 1,022,227 | 2,071,300 |
| 1949.....        | 952,849   | 1,463,046 | 2,415,895 |
| 1948.....        | 1,043,067 | 1,703,906 | 2,746,973 |
| 1947.....        | 909,076   | 2,104,630 | 3,013,706 |
| 1946.....        | 973,777   | 1,868,911 | 2,842,688 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1950   | Outward<br>1950  | Total<br>1950    | Total<br>1949    |
|---|------------------|------------------|------------------|------------------|
|   | (Tons)           | (Tons)           | (Tons)           | (Tons)           |
| Grain.....  |                  | 316,604          | 316,604          | 416,384          |
| Sugar, raw.....   | 197,540          |                  | 197,540          | 202,603          |
| Flour, wheat.....   |                  | 161,932          | 161,932          | 167,454          |
| Petroleum Oil, fuel.....  | 149,653          | 11,245           | 160,898          | 117,282          |
| Motor Vehicles and Parts.....   | 138,469          | 18,657           | 157,126          | 77,979           |
| Gasoline.....   | 125,793          | 15,783           | 141,576          | 167,652          |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 9,719            | 62,958           | 72,677           | 80,784           |
| Potatoes.....   | 155              | 71,623           | 71,778           | 86,294           |
| Fertilizers and Fertilizer Materials.....   | 70,648           | 1,123            | 71,771           | 77,080           |
| Paper, newsprint.....   |                  | 38,506           | 38,506           | 70,174           |
| Asbestos and Asbestos Manufactures.....   | 598              | 34,873           | 35,476           | 16,356           |
| Coal, anthracite.....   | 21,569           | 144              | 21,713           | 19,720           |
| Wood-pulp.....  |                  | 20,376           | 20,376           | 42,760           |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs.....                                     | 31               | 20,230           | 20,261           | 38,100           |
| Coal, bituminous.....   | 18,587           | 44               | 18,631           | 53,406           |
| Glass and Glass Manufactures.....   | 17,489           | 1,054            | 18,543           | 15,668           |
| Petroleum Oil, crude.....   | 17,367           | 555              | 17,922           | 33,422           |
| Meats, canned, cured, prepared or preserved.....  | 526              | 17,065           | 17,591           | 20,184           |
| Machinery and Parts (except agricultural).....  | 12,206           | 5,271            | 17,477           | 14,841           |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....   |                  | 16,940           | 16,940           | 16,734           |
| Ferro-alloys.....   | 29               | 16,593           | 16,622           | 22,540           |
| Dry Goods not otherwise specified.....  | 15,994           | 520              | 16,514           | 12,688           |
| Sugar, refined.....   | 3,667            | 11,406           | 15,073           | 9,302            |
| Iron or Steel Band, Bars not otherwise specified,<br>Hoop, Plates, Rods, Sheets, Skelp, Strip and<br>Tin Plate..... | 13,477           | 1,082            | 14,559           | 14,015           |
| Tea.....  | 13,861           | 420              | 14,281           | 11,461           |
| Jute and Jute Manufactures.....   | 12,358           | 717              | 13,075           | 9,532            |
| Molasses.....   | 10,078           | 217              | 10,295           | 6,009            |
| All Goods not otherwise specified.....  | 199,259          | 176,284          | 375,543          | 595,471          |
| <b>Total.....</b>   | <b>1,049,073</b> | <b>1,022,227</b> | <b>2,071,300</b> | <b>2,415,895</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

| —                 | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1950.....         | 2,795  | 3,190    | 5,985   |
| 1949.....         | 862    | 3,763    | 4,625   |
| 1948.....         | 984    | 1,788    | 2,772   |
| 1947.....         | 712    | 860      | 1,572   |
| 1946.....         | 706    | 540      | 1,246   |
| <i>Coastwise—</i> |        |          |         |
| 1950.....         | 35,836 | 34,407   | 70,243  |
| 1949.....         | 51,481 | 49,021   | 100,502 |
| 1948.....         | 53,273 | 51,142   | 104,415 |
| 1947.....         | 49,663 | 46,165   | 95,828  |
| 1946.....         | 57,537 | 54,905   | 112,442 |
| <i>Total—</i>     |        |          |         |
| 1950.....         | 38,631 | 37,597   | 76,228  |
| 1949.....         | 52,343 | 52,784   | 105,127 |
| 1948.....         | 54,257 | 52,930   | 107,187 |
| 1947.....         | 50,375 | 47,025   | 97,400  |
| 1946.....         | 58,243 | 55,445   | 113,688 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1950, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1950.....         |            | 10,613,783 | 10,613,783 |
| 1949.....         |            | 14,024,281 | 14,024,281 |
| 1948.....         |            | 12,333,841 | 12,333,841 |
| 1947.....         |            | 13,596,926 | 13,596,926 |
| 1946.....         |            | 15,924,932 | 15,924,932 |
| <i>Via rail—</i>  |            |            |            |
| 1950.....         | 10,993,806 | 330,229    | 11,324,035 |
| 1949.....         | 14,634,883 | 295,385    | 14,930,268 |
| 1948.....         | 12,555,428 | 139,397    | 12,694,825 |
| 1947.....         | 13,417,203 | 162,479    | 13,579,682 |
| 1946.....         | 15,150,627 | 225,236    | 15,375,863 |
| <i>Via other—</i> |            |            |            |
| 1950.....         |            |            |            |
| 1949.....         |            |            |            |
| 1948.....         |            |            |            |
| 1947.....         |            | 109        | 109        |
| 1946.....         |            | 144        | 144        |
| <i>Total—</i>     |            |            |            |
| 1950.....         | 10,993,806 | 10,944,012 | 21,937,818 |
| 1949.....         | 14,634,883 | 14,319,666 | 28,954,549 |
| 1948.....         | 12,555,428 | 12,473,238 | 25,028,666 |
| 1947.....         | 13,417,203 | 13,759,514 | 27,176,717 |
| 1946.....         | 15,150,627 | 16,150,312 | 31,300,939 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$201,801. The main items were dredging ten berths, nine of which were dredged to a minimum depth of 30 feet, and one to 28 feet, at extreme low tide; repairs to Long wharf road approach; refacing concrete wharf walls at berths 12 and 13; repairs to rock filled timber crib sea wall at berth 14; painting interior frame shed 6 and exterior sheds 8, 9 and 10; repairing shed 1 roof; repairing grain elevator car dumper and receiving gallery roofs; painting siding and structural supports of shore galleries 103 and 104 and drydocking and repairing floating crane "Glenbuckie".

## CAPITAL WORKS

Capital expenditure, part of which was provided from replacement fund, amounted to \$267,006. The main items were:

*Reconstruction of McLeod-Pettingill (now Pugsley) Wharf and Shed.*

Reconstruction of the wharf, transit shed and grain galleries which was started in 1948, was completed in 1950.

*Minor Items.*—Timber loading platform at the rear of shed 11 was replaced under contract with Maritime Construction Company Limited by a concrete platform. Four transit shed doors at the junction of this platform with the back face of the shed were also replaced with new steel doors.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$627,860, as compared with \$715,423 in 1949, the decrease being \$87,563. Operating and maintenance expenses showed an increase of \$10,166, the comparable figures being \$511,328 for 1950 and \$501,162 for 1949.

After taking into account income debits and credits, paying interest amounting to \$33,572 on debt to the public, and charging reserve for replacements and interest due the Government, there was a net income deficit of \$677,434, as against a deficit of \$529,275 in 1949.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|   |    |            |               |
|---|----|------------|---------------|
| OPERATING REVENUES—   |    |            |               |
| Harbour General—  |    |            |               |
| Harbour Dues.....   | \$ | 14,961 42  |               |
| Miscellaneous.....  |    | 20,158 44  |               |
|   |    | <hr/>      | \$ 35,119 86  |
| Wharves and Piers—  |    |            |               |
| Top Wharfage.....   |    | 375,397 16 |               |
| Dockage.....  |    | 109,023 92 |               |
|   |    | <hr/>      | 484,421 08    |
| Permanent Sheds—  |    |            |               |
| Shed Rentals.....   |    | 22,495 89  |               |
| Storage.....  |    | 11,836 91  |               |
| Miscellaneous.....  |    | 705 92     |               |
|   |    | <hr/>      | 35,038 72     |
| Railway System.....   |    |            | 87 50         |
| Grain Elevator System—  |    |            |               |
| Receipts from joint operation.....                              |    |            | 37,816 21     |
| Miscellaneous Services—Outsiders.....                           |    |            | 35,376 58     |
|   |    |            | <hr/>         |
|   |    |            | \$ 627,859 95 |
| OPERATING EXPENSES—   |    |            |               |
| Administration.....   |    |            | 68,579 73     |
| Operation and Maintenance—                                      |    |            |               |
| Harbour Dredging.....   |    | 79,831 85  |               |
| Harbour General.....  |    | 74,727 31  |               |
| Vehicular Bridges.....  |    | 690 77     |               |
| Roads, Fences and Boundaries.....                               |    | 10,384 53  |               |
| Sewers and Drains.....  |    | 917 28     |               |
| Wharves and Piers.....  |    | 65,035 61  |               |
| Permanent Sheds.....  |    | 115,138 45 |               |
| Grain Elevator System.....                                      |    | 11,491 47  |               |
| Miscellaneous Services—Outsiders.....                           |    | 84,531 39  |               |
|   |    | <hr/>      | 442,748 66    |
|   |    |            | <hr/>         |
|   |    |            | 511,328 39    |
| Operating Income.....   |    |            | 116,531 56    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         |    |            |               |
|   |    |            | 103,726 61    |
| MISCELLANEOUS INCOME CREDITS.....                               |    |            |               |
|   |    |            | 5 11          |
|   |    |            | <hr/>         |
|   |    |            | 103,731 72    |
| Total Income.....   |    |            |               |
|   |    |            | 220,263 28    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |    |            |               |
| Income Received from Reserve Funds transferred to Reserves..... |    | 103,726 61 |               |
| Miscellaneous Income Charges.....                               |    | 74 83      |               |
|   |    | <hr/>      | 103,801 44    |
| Income Available for Interest Due Public.....                   |    |            |               |
|   |    |            | 116,461 84    |
| INTEREST ON DEBT TO THE PUBLIC.....                             |    |            |               |
|   |    |            | 33,572 43     |
|   |    |            | <hr/>         |
|   |    |            | 82,889 41     |
| OTHER INCOME REQUIREMENTS—                                      |    |            |               |
| Reserve for Replacements.....                                   |    | 200,000 00 |               |
| Interest Due Government.....                                    |    | 560,323 78 |               |
|   |    | <hr/>      | 760,323 78    |
| Net Income Deficit.....   |    |            |               |
|   | \$ |            | 677,434 37    |

# Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1950

| ASSETS                                    |                        | LIABILITIES AND PROPRIETARY EQUITY    |                        |
|---|------------------------|---------------------------------------|------------------------|
| CURRENT—                                  |                        | CURRENT—                              |                        |
| Cash on hand and on deposit with Receiver |                        | Accounts Payable.....                 | \$ 56,955 22           |
| General of Canada.....                    | \$ 99,008 74           | Salaries and Wages Payable.....       | 7,138 75               |
| Accounts Receivable.....                  | \$43,722 43            | Accrued Interest Due Public.....      | 14,100 32              |
| Less—Reserve for Bad Debts.....           | 175 18                 |                                       | <u>78,194 29</u>       |
| Stores On Hand.....                       | 43,547 25              |                                       |                        |
| Advances Due on Capital Account.....      | 19,075 49              |                                       |                        |
| Accrued Revenue.....                      | 241 91                 |                                       |                        |
|   | <u>48,693 41</u>       |                                       |                        |
| RESERVE FUNDS—                            |                        | DEBENTURE INDEBTEDNESS TO PUBLIC..... | 671,282 35             |
| Replacement Fund.....                     | 3,597,583 89           |                                       |                        |
| Fire and General Insurance Fund.....      | 182,808 89             | DEFERRED REVENUE.....                 | 6,018 93               |
|   | <u>3,780,392 78</u>    |                                       | <u>755,495 57</u>      |
| PREPAID EXPENSES.....                     | 161 05                 |                                       |                        |
| DEFERRED DEBITS.....                      | 6,748 46               |                                       |                        |
| FIXED—                                    |                        |                                       |                        |
| Harbour Dredging.....                     | 955,090 54             | GOVERNMENT OF CANADA—                 |                        |
| Real Estate.....                          | 1,766,457 64           | Loans and Advances—                   |                        |
| Vehicular Bridges.....                    | 30,107 37              | Non-Interest Bearing.....             | \$ 6,649,296 81        |
| Roads, Fences and Boundaries.....         | 150,969 66             | Interest Bearing.....                 | 20,686,425 73          |
| Wharves and Piers.....                    | 14,480,879 64          | Accrued Interest.....                 | 5,100,419 19           |
| Permanent Sheds.....                      | 2,506,720 23           |                                       | <u>32,436,141 73</u>   |
| Railway System.....                       | 192,660 57             |                                       |                        |
| Grain Elevator System.....                | 3,986,394 03           | Reserves for—                         |                        |
| Office Furniture and Appliances.....      | 9,249 85               | Replacement.....                      | 3,597,583 89           |
| Harbour Buildings.....                    | 60,486 49              | Fire and General Insurance..          | 182,808 89             |
| Central Heating Plants.....               | 57,182 39              |                                       | <u>3,780,392 78</u>    |
| Water Supply System.....                  | 14,315 67              |                                       |                        |
| Floating Equipment.....                   | 201,999 68             | Deficit—                              |                        |
| Shore Equipment.....                      | 120,284 00             | As at January 1, 1950.....            | 4,540,722 16           |
| Miscellaneous Small Plant.....            | 14,005 36              | Loss on 1950 Operations.....          | 677,434 37             |
| Works under Construction.....             | 3,208,541 34           |                                       | <u>5,218,156 53</u>    |
|   | <u>27,755,944 46</u>   |                                       | <u>30,998,377 98</u>   |
|   | <u>\$31,753,873 55</u> |                                       | <u>\$31,753,873 55</u> |

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the Board include 2,500 linear feet of wharf accommodating ships of 26 feet draft, a concrete fire-proof shed, 400 feet by 60 feet, a frame shed, 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |
| 1947.....          | 142                     | 122,571                      |
| 1946.....          | 133                     | 81,365                       |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |
| 1947.....          | 141                     | 122,566                      |
| 1946.....          | 132                     | 81,360                       |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 32                      | 51,165                       | 21                      | 33,302                       |
| Coastal or inland commercial (including fishery)..... | 154                     | 74,287                       | 143                     | 96,007                       |
| Other.....  | 21                      | 1,427                        | 34                      | 1,714                        |
| Total.....  | 207                     | 126,879                      | 198                     | 131,023                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 32                      | 51,165                       | 21                      | 33,302                       |
| Coastal or inland commercial (including fishery)..... | 154                     | 74,287                       | 143                     | 96,007                       |
| Other.....  | 21                      | 1,427                        | 34                      | 1,714                        |
| Total.....  | 207                     | 126,879                      | 198                     | 131,023                      |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1950.....        | 34,981  | .....   | 34,981  |
| 1949.....        | 23,236  | .....   | 23,236  |
| 1948.....        | 35,837  | .....   | 35,837  |
| 1947.....        | 50,240  | .....   | 50,240  |
| 1946.....        | 43,552  | .....   | 43,552  |
| <i>Domestic—</i> |         |         |         |
| 1950.....        | 159,827 | 6,526   | 166,353 |
| 1949.....        | 128,401 | 3,953   | 132,354 |
| 1948.....        | 188,271 | 1,762   | 190,033 |
| 1947.....        | 131,806 | 2,386   | 134,192 |
| 1946.....        | 18,879  | 481     | 19,360  |
| <i>Total—</i>    |         |         |         |
| 1950.....        | 194,808 | 6,526   | 201,334 |
| 1949.....        | 151,637 | 3,953   | 155,590 |
| 1948.....        | 224,108 | 1,762   | 225,870 |
| 1947.....        | 182,046 | 2,386   | 184,432 |
| 1946.....        | 62,431  | 481     | 62,912  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1950 | Outward<br>1950 | Total<br>1950  | Total<br>1949  |
|--|----------------|-----------------|----------------|----------------|
|  | (Tons)         | (Tons)          | (Tons)         | (Tons)         |
| Coal, bituminous.....  | 122,411        | .....           | 122,411        | 85,242         |
| Gasoline.....  | 28,719         | .....           | 28,719         | 26,605         |
| Petroleum Oil, fuel.....                                       | 15,858         | .....           | 15,858         | 13,646         |
| Coal, anthracite.....  | 9,554          | .....           | 9,554          | 9,197          |
| Sulphur.....   | 7,059          | .....           | 7,059          | 5,430          |
| Beverages, alcoholic.....                                      | 4,983          | .....           | 4,983          | 5,508          |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber..... | .....          | 4,212           | 4,212          | 3,685          |
| Concrete Blocks.....   | .....          | 994             | 994            | .....          |
| Cement, common or portland.....                                | 842            | 170             | 1,012          | .....          |
| Potatoes.....  | 821            | .....           | 821            | 690            |
| All Goods not otherwise specified.....                         | 4,561          | 1,150           | 5,711          | 5,587          |
| <b>Total.....</b>  | <b>194,808</b> | <b>6,526</b>    | <b>201,334</b> | <b>155,590</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

| —                 | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1950.....         |        |          |        |
| 1949.....         |        |          |        |
| 1948.....         |        |          |        |
| 1947.....         |        |          |        |
| 1946.....         |        |          |        |
| <i>Coastwise—</i> |        |          |        |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |
| 1947.....         | 5,775  | 5,779    | 11,554 |
| 1946.....         | 6,117  | 6,118    | 12,235 |
| <i>Total—</i>     |        |          |        |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |
| 1947.....         | 5,775  | 5,779    | 11,554 |
| 1946.....         | 6,117  | 6,118    | 12,235 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$7,107, consisting of general maintenance of wharves, railway tracks, roads and water system.

## CAPITAL WORKS

Expenditure on capital account during the year amounted to \$558 for installation of floodlights along shed 2.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$69,816, as compared with \$58,385 in 1949. Expenses of operation and maintenance were \$22,172, the corresponding figure in 1949 being \$19,440.

After charging reserve for replacements and interest on debt to the Government, there was a net income deficit of \$88,555, as compared with a deficit of \$98,891 in 1949.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

## OPERATING REVENUES—

## Harbour General—

|                    |           |          |
|--------------------|-----------|----------|
| Harbour Dues.....  | \$ 603 27 |          |
| Miscellaneous..... | 515 00    |          |
|                    | <u>\$</u> | 1,118 27 |

## Wharves and Piers—

|                    |           |           |
|--------------------|-----------|-----------|
| Top Wharfage.....  | 22,902 59 |           |
| Dockage.....       | 2,670 77  |           |
| Miscellaneous..... | 38,365 81 |           |
|                    | <u></u>   | 63,939 17 |

## Permanent Sheds—

|                   |          |          |
|-------------------|----------|----------|
| Shed Rentals..... | 1,780 00 |          |
| Storage.....      | 2,364 67 |          |
|                   | <u></u>  | 4,144 67 |

|                                       |           |           |
|---------------------------------------|-----------|-----------|
| Miscellaneous Services—Outsiders..... | 613 49    |           |
|                                       | <u>\$</u> | 69,815 60 |

## OPERATING EXPENSES—

|                     |          |  |
|---------------------|----------|--|
| Administration..... | 8,271 97 |  |
|---------------------|----------|--|

## Operation and Maintenance—

|                                       |          |           |
|---------------------------------------|----------|-----------|
| Harbour General.....                  | 3,468 93 |           |
| Roads, Fences and Boundaries.....     | 414 74   |           |
| Wharves and Piers.....                | 5,527 18 |           |
| Permanent Sheds.....                  | 1,490 74 |           |
| Railway System.....                   | 2,340 83 |           |
| Miscellaneous Services—Outsiders..... | 657 45   |           |
|                                       | <u></u>  | 13,899 87 |

22,171 84

|                       |           |
|-----------------------|-----------|
| Operating Income..... | 47,643 76 |
|-----------------------|-----------|

|   |          |
|---|----------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 5,061 35 |
|---|----------|

|                   |           |
|-------------------|-----------|
| Total Income..... | 52,705 11 |
|-------------------|-----------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |                  |
|---|----------|------------------|
| Income received from Reserve Funds transferred to Reserves..... | 5,061 35 |                  |
| Miscellaneous Income Charges.....                               | 1,380 01 |                  |
|   | <u></u>  | 6,441 36         |
|   |          | <u>46,263 75</u> |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 30,000 00  |            |
| Interest Due Government.....  | 104,819 18 |            |
|                               | <u></u>    | 134,819 18 |

|                         |              |
|-------------------------|--------------|
| Net Income Deficit..... | \$ 88,555 43 |
|-------------------------|--------------|



## Harbour of Chicoutimi

## BALANCE SHEET AS AT DECEMBER 31, 1950

## ASSETS

|   |                  |
|---|------------------|
| CURRENT—                                  |                  |
| Cash on hand and on deposit with Receiver | 22,209 55        |
| General of Canada.....\$                  | 6,267 53         |
| Accounts Receivable.....                  | 2,757 76         |
| Stores On Hand.....                       | <u>\$</u>        |
|   | 31,234 84        |
| RESERVE FUNDS—                            |                  |
| Replacement Fund.....                     | 217,238 87       |
| Fire and General Insurance.....           | <u>14,172 31</u> |
|   | 231,411 18       |

## PREPAID EXPENSES.....

581 95

## FIXED—

|                                      |                     |
|--------------------------------------|---------------------|
| Harbour Dredging.....                | 445,827 58          |
| Real Estate.....                     | 35,625 67           |
| Roads, Fences and Boundaries.....    | 115,905 96          |
| Sewers and Drains.....               | 165,653 09          |
| Wharves and Piers.....               | <u>3,257,200 29</u> |
| Permanent Sheds.....                 | 124,083 29          |
| Railway System.....                  | 38,599 51           |
| Office Furniture and Appliances..... | 2,052 29            |
| Electric Power System.....           | 4,472 99            |
| Water Supply System.....             | 16,759 19           |
| Floating Equipment.....              | <u>4,487 24</u>     |
| Shore Equipment.....                 | 304 57              |
| Miscellaneous Small Plant.....       | 134 53              |
| Engineering—General Surveys.....     | <u>18,375 66</u>    |

4,229,481 86

\$ 4,492,709 83

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

|                                 |               |
|---------------------------------|---------------|
| CURRENT—                        |               |
| Accounts Payable.....\$         | 480 28        |
| Salaries and Wages Payable..... | <u>104 20</u> |
|                                 | 584 48        |

## DEFERRED REVENUE.....

3,340 96

3,925 44

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

|                             |                     |
|-----------------------------|---------------------|
| Loans and Advances—         |                     |
| Non-Interest Bearing.....\$ | 459,398 82          |
| Interest Bearing.....       | <u>3,812,161 20</u> |
| Accrued Interest.....       | 1,791,960 10        |
|                             | 6,063,519 62        |

## Reserves for—

|                              |                  |
|------------------------------|------------------|
| Replacement.....             | 450,238 87       |
| Fire and General Insurance.. | <u>14,172 31</u> |
|                              | 464,411 18       |

6,527,930 80

## Deficit—

|                              |                  |
|------------------------------|------------------|
| As at January 1, 1950.....   | 1,950,590 98     |
| Loss on 1950 Operations..... | <u>88,555 43</u> |
|                              | 2,039,146 41     |

4,488,784 39

\$ 4,492,709 83

## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the Board include 4 main piers and wharves having 20,425 linear feet of berthing, 10 transit sheds with a total floor area of 743,642 square feet, 23 miles of standard gauge terminal railway, connected with both Canadian railways, a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries with a loading capacity of 90,000 bushels per hour, 3 marine towers for unloading boats, also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish house with a capacity of 1,000,000 pounds, a floating crane of 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 4,512                   | 4,484,885                    |
| 1949.....          | 4,203                   | 4,178,588                    |
| 1948.....          | 4,320                   | 3,702,612                    |
| 1947.....          | 4,191                   | 2,902,654                    |
| 1946.....          | 3,872                   | 2,470,154                    |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 4,515                   | 4,481,129                    |
| 1949.....          | 4,197                   | 4,178,427                    |
| 1948.....          | 4,311                   | 3,695,640                    |
| 1947.....          | 4,179                   | 2,909,884                    |
| 1946.....          | 3,884                   | 2,472,624                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 534                     | 2,548,550                    | 410                     | 1,980,917                    |
| Coastal or inland commercial (including fishery)..... | 3,904                   | 1,915,189                    | 3,651                   | 2,173,563                    |
| Other.....  | 74                      | 21,146                       | 142                     | 24,108                       |
| Total.....  | 4,512                   | 4,484,885                    | 4,203                   | 4,178,588                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 536                     | 2,553,012                    | 410                     | 1,980,184                    |
| Coastal or inland commercial (including fishery)..... | 3,900                   | 1,909,137                    | 3,643                   | 2,173,970                    |
| Other.....  | 79                      | 18,980                       | 144                     | 24,273                       |
| Total.....  | 4,515                   | 4,481,129                    | 4,197                   | 4,178,427                    |

(Exclusive of naval vessels)

# TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1950.....        | 74,278    | 350,643 | 424,921   |
| 1949.....        | 40,905    | 316,440 | 357,345   |
| 1948.....        | 44,644    | 169,067 | 213,711   |
| 1947.....        | 24,594    | 183,730 | 208,324   |
| 1946.....        | 35,550    | 237,330 | 272,880   |
| <i>Domestic—</i> |           |         |           |
| 1950.....        | 1,757,544 | 78,815  | 1,836,359 |
| 1949.....        | 1,468,260 | 49,746  | 1,518,006 |
| 1948.....        | 1,579,244 | 57,415  | 1,636,659 |
| 1947.....        | 1,507,565 | 139,129 | 1,646,694 |
| 1946.....        | 1,123,334 | 144,545 | 1,267,879 |
| <i>Total—</i>    |           |         |           |
| 1950.....        | 1,831,822 | 429,458 | 2,261,280 |
| 1949.....        | 1,509,165 | 366,186 | 1,875,351 |
| 1948.....        | 1,623,888 | 226,482 | 1,850,370 |
| 1947.....        | 1,532,159 | 322,859 | 1,855,018 |
| 1946.....        | 1,158,884 | 381,875 | 1,540,759 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| Commodities   | Inward<br>1950   | Outward<br>1950 | Total<br>1950    | Total<br>1949    |
|---|------------------|-----------------|------------------|------------------|
|   | (Tons)           | (Tons)          | (Tons)           | (Tons)           |
| Coal, bituminous.....   | 617,537          | 633             | 618,170          | 419,446          |
| Pulpwood.....   | 417,109          |                 | 417,109          | 410,019          |
| Petroleum Oil, fuel.....  | 326,683          | 2,296           | 328,979          | 254,632          |
| Grain.....  | 51,312           | 208,231         | 259,543          | 253,807          |
| Gasoline.....   | 206,507          | 2,644           | 209,151          | 195,237          |
| Asbestos and Asbestos Manufactures.....   |                  | 75,811          | 75,811           | 39,965           |
| Ores and Concentrates not otherwise specified.....  |                  | 61,948          | 61,948           | 19,834           |
| Cement, common or portland.....   | 59,288           | 203             | 59,491           | 57,149           |
| Coal, anthracite.....   | 47,271           |                 | 47,271           | 36,385           |
| Paper, newsprint.....   | 3,531            | 27,497          | 31,028           | 25,146           |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                                | 12,408           | 11,488          | 23,896           | 16,729           |
| Sulphur.....  | 18,373           |                 | 18,373           | 14,082           |
| Flour, wheat.....   | 1,148            | 15,288          | 16,436           | 30,464           |
| Wood-pulp.....  | 5,600            | 3,268           | 8,868            | 14,959           |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs.....                  | 5,304            | 1,438           | 6,742            |                  |
| Fertilizers and Fertilizer Materials.....   | 4,974            | 1,554           | 6,528            | 8,241            |
| Molasses.....   | 4,971            | 151             | 5,122            | 3,875            |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....                             | 2,984            | 2,002           | 4,986            | 4,291            |
| Meats, chilled, fresh or frozen.....  | 192              | 3,552           | 3,744            | 4,414            |
| Glass and Glass Manufactures.....   | 3,414            | 86              | 3,500            | 1,753            |
| Lard and Lard Substitutes.....  | 120              | 3,264           | 3,384            | 2,264            |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....                 | 785              | 2,388           | 3,173            | 15,544           |
| Beverages, alcoholic.....   | 2,025            | 472             | 2,497            | 2,385            |
| Metal, Scrap, Aluminum, Brass, Copper, Tin, Zinc.....   |                  | 2,448           | 2,448            |                  |
| Grain Products (Mill Products except Wheat Flour)..<br>All Goods not otherwise specified..... | 308              | 1,708           | 2,016            | 3,520            |
|   | 39,978           | 1,088           | 41,066           | 41,210           |
| <b>Total.....</b>   | <b>1,831,822</b> | <b>429,458</b>  | <b>2,261,280</b> | <b>1,875,351</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1950.....         | 30,092 | 20,239   | 50,331  |
| 1949.....         | 24,802 | 11,403   | 36,205  |
| 1948.....         | 18,660 | 377      | 19,037  |
| 1947.....         | 199    | 56       | 255     |
| 1946.....         | 20     | 19       | 39      |
| <i>Coastwise—</i> |        |          |         |
| 1950.....         | 14,685 | 9,007    | 23,692  |
| 1949.....         | 26,859 | 23,892   | 50,751  |
| 1948.....         | 51,299 | 38,193   | 89,492  |
| 1947.....         | 37,872 | 33,007   | 70,879  |
| 1946.....         | 45,136 | 33,231   | 78,367  |
| <i>Total—</i>     |        |          |         |
| 1950.....         | 44,777 | 29,246   | 74,023  |
| 1949.....         | 51,661 | 35,295   | 86,956  |
| 1948.....         | 69,959 | 38,570   | 108,529 |
| 1947.....         | 38,071 | 33,063   | 71,134  |
| 1946.....         | 45,156 | 33,250   | 78,406  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1950.....         | 2,827,696 | 6,385,368 | 9,213,064  |
| 1949.....         | 2,917,268 | 6,191,310 | 9,108,578  |
| 1948.....         | 129,966   |           | 129,966    |
| 1947.....         |           |           |            |
| 1946.....         | 939,578   | 2,235,237 | 3,174,815  |
| <i>Via rail—</i>  |           |           |            |
| 1950.....         | 4,943,132 | 1,418,538 | 6,361,670  |
| 1949.....         | 5,996,993 | 632,653   | 6,629,646  |
| 1948.....         | 661,668   | 100,939   | 762,607    |
| 1947.....         | 425,122   | 34,778    | 459,900    |
| 1946.....         | 1,629,813 | 715,697   | 2,345,510  |
| <i>Via other—</i> |           |           |            |
| 1950.....         | 646       | 1,262,894 | 1,263,540  |
| 1949.....         | 1,329     | 618,759   | 620,088    |
| 1948.....         | 1,452     | 658,698   | 660,150    |
| 1947.....         | 23,451    | 349,547   | 372,998    |
| 1946.....         | 25,834    | 766,601   | 792,435    |
| <i>Total—</i>     |           |           |            |
| 1950.....         | 7,771,474 | 9,066,800 | 16,838,275 |
| 1949.....         | 8,915,590 | 7,442,722 | 16,358,312 |
| 1948.....         | 793,086   | 759,637   | 1,552,723  |
| 1947.....         | 448,573   | 384,325   | 832,898    |
| 1946.....         | 2,595,225 | 3,717,535 | 6,312,760  |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1950, with comparison for 1949.

|  | 1950   | 1949   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 10,310 | 9,507  |
| Non-revenue cars.....  | 11,198 | 7,937  |
| Total.....   | 21,508 | 17,444 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,208 | 8,698  |
| Non-revenue cars.....  | 9,259  | 8,725  |
| Total.....   | 21,467 | 17,423 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 217    | 487    |
| Non-revenue cars.....  | 217    | 487    |
| Total.....   | 434    | 974    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 22,735 | 18,692 |
| Non-revenue cars.....  | 20,674 | 17,149 |
| Total.....   | 43,409 | 35,841 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$210,290. The main items were the installation of a new oil-fired boiler and equipment in floating crane No. 1 to convert from coal-firing; scraping and painting cargo beam and metal surfaces at east and west ends of shed "A" at Wolfe's Cove terminals; scraping and painting vehicular bascule bridge; renewal fire box plates of switching locomotive No. 4; replacing cork insulation on two main brine pipes at the main warehouse of the cold storage plant and general maintenance of all other facilities.

## CAPITAL WORKS

Capital expenditure, part of which was provided from replacement fund, amounted to \$278,765. The main items were:—

*Reconstruction of Quay Wall at Shed No. 29.*—Reconstruction of quay wall at shed No. 29, which was started in 1949, was completed.

*Central Heating Plant No. 1.*—A new boiler, together with oil burner and storage tanks, was purchased and installed by Board forces to convert central heating plant No. 1 from coal-fired to oil-fired operation.

*Diesel Electric Locomotive.*—In September, an 80 ton diesel electric switching locomotive was purchased from the Canadian General Electric Company Limited and put into operation on the harbour terminal railway.

*Minor Items.*—These included subgrade consolidation by harbour forces at east end of shed No. 20 in preparation for future roadway paving and purchase of a  $\frac{1}{2}$ -ton truck and a wood planer.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$978,667, as compared with \$871,022 in 1949, the increase being \$107,645. Operating and maintenance expenses were \$818,594, as compared with \$813,289 in 1949, the increase being \$5,305.

Net income deficit, after all charges, was \$834,853, the corresponding figure for the previous year being \$917,206.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|   |    |            |                          |
|---|----|------------|--------------------------|
| <b>OPERATING REVENUES—</b>                                      |    |            |                          |
| Harbour General—  |    |            |                          |
| Harbour Dues.....   | \$ | 20,308 00  |                          |
| Miscellaneous.....  |    | 50,553 58  |                          |
|   |    |            | \$ 70,861 58             |
| Wharves and Piers—  |    |            |                          |
| Top Wharfage.....   |    | 194,772 60 |                          |
| Dockage.....  |    | 76,588 23  |                          |
| Miscellaneous.....  |    | 52,968 36  |                          |
|   |    |            | 324,329 19               |
| Permanent Sheds—  |    |            |                          |
| Shed Rentals.....   |    | 17,805 19  |                          |
| Storage.....  |    | 5,598 72   |                          |
|   |    |            | 23,403 91                |
| Railway System.....   |    |            | 108,539 25               |
| Grain Elevator System—  |    |            |                          |
| Elevation.....  |    | 126,391 66 |                          |
| Storage.....  |    | 134,505 97 |                          |
| Miscellaneous.....  |    | 2,643 22   |                          |
|   |    |            | 263,540 85               |
| Cold Storage System—  |    |            |                          |
| Storage.....  |    | 117,378 49 |                          |
| Miscellaneous.....  |    | 15,356 38  |                          |
|   |    |            | 132,734 87               |
| Miscellaneous Services—Outsiders.....                           |    |            | 55,257 64                |
|   |    |            | \$ 978,667 29            |
| <b>OPERATING EXPENSES—</b>                                      |    |            |                          |
| Administration.....   |    |            | 126,841 78               |
| Operating and Maintenance—                                      |    |            |                          |
| Harbour General.....  |    | 115,293 01 |                          |
| Vehicular Bridges.....  |    | 9,318 26   |                          |
| Roads, Fences and Boundaries.....                               |    | 6,350 25   |                          |
| Sewers and Drains.....  |    | 854 97     |                          |
| Wharves and Piers.....  |    | 56,024 97  |                          |
| Permanent Sheds.....  |    | 47,380 42  |                          |
| Railway System.....   |    | 132,917 05 |                          |
| Grain Elevator System.....                                      |    | 159,154 97 |                          |
| Cold Storage System.....  |    | 119,987 30 |                          |
| Miscellaneous Services—Outsiders.....                           |    | 44,470 85  |                          |
|   |    |            | 691,752 05               |
|   |    |            | 818,593 83               |
| Operating Income.....   |    |            | 160,073 46               |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         |    | 23,967 98  |                          |
| MISCELLANEOUS INCOME CREDITS.....                               |    | 11,039 25  |                          |
|   |    |            | 35,007 23                |
| Total Income.....   |    |            | 195,080 69               |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |    |            |                          |
| Income received from Reserve Funds transferred to Reserves..... |    | 23,967 98  |                          |
| Reserve for Bad Debts.....                                      |    | 99 88      |                          |
| Delayed Income Charges.....                                     |    | 23,494 53  |                          |
| Miscellaneous Income Charges.....                               |    | 2,251 20   |                          |
|   |    |            | 49,813 59                |
|   |    |            | 145,267 10               |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |    |            |                          |
| Reserve for Replacements.....                                   |    | 200,000 00 |                          |
| Interest Due Government.....                                    |    | 780,120 22 |                          |
|   |    |            | 980,120 22               |
| Net Income Deficit.....   | \$ |            | <u><u>834,853 12</u></u> |



## Harbour of Quebec

## BALANCE SHEET AS AT DECEMBER 1, 1950

| ASSETS   |                      | LIABILITIES AND PROPRIETARY EQUITY         |                        |
|--|----------------------|--|------------------------|
| <b>CURRENT—</b>  |                      | <b>LIABILITIES</b>                         |                        |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 185,540 28        | Accounts Payable.....                      | \$ 51,507 38           |
| Accounts Receivable.....   | \$99,589 92          | Salaries and Wages Payable.....            | 5,896 91               |
| Less—Reserve for Bad Debts.....                                  | 2,736 29             |  | <u>57,404 29</u>       |
| Stores On Hand.....  | 96,853 63            |  |                        |
| 58,355 01  |                      |  |                        |
| 1,877 19   |                      |  |                        |
| Other Assets.....  | 1,880 19             |  |                        |
|  | <u>344,506 30</u>    |  |                        |
| CONTRACTORS' SECURITY DEPOSITS.....                              | 350 00               | CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 350 00                 |
| RESERVE FUNDS—   |                      |  |                        |
| Replacement Fund.....  | 673,736 33           |  |                        |
| Fire and General Insurance Fund.....                             | 153,754 53           |  |                        |
|  | <u>827,490 86</u>    | DEFERRED REVENUE.....                      | 8,826 50               |
| PREPAID EXPENSES.....  | 1,802 83             |  | <u>66,580 79</u>       |
| DEFERRED DEBITS.....   | 500 00               |  |                        |
| <b>FIXED—</b>  |                      |  |                        |
| Harbour Dredging.....  | 3,940,865 55         | PROPRIETARY EQUITY                         |                        |
| Real Estate.....   | 289,282 99           |  |                        |
| Vehicular Bridges.....   | 172,100 35           |  |                        |
| Roads, Fences and Boundaries.....                                | 129,167 35           |  |                        |
| Sewers and Drains.....   | 293,022 25           |  |                        |
| Miscellaneous Structures.....                                    | 134,803 77           |  |                        |
| Wharves and Piers.....   | 13,920,634 18        | GOVERNMENT OF CANADA—                      |                        |
| Permanent Sheds.....   | 3,275,963 63         | Loans and Advances—                        |                        |
| Shed Hoists.....   | 12,000 00            | Non-Interest Bearing.....                  | \$ 2,592,677 67        |
| Railway System.....  | 972,136 51           | Interest Bearing.....                      | 28,668,220 96          |
| Grain Elevator System.....                                       | 3,736,475 65         | Accrued Interest.....                      | 12,885,215 13          |
| Cold Storage System.....   | 719,837 44           |  | <u>44,146,113 76</u>   |
| Office Furniture and Appliances.....                             | 15,381 03            |  |                        |
| Harbour Buildings.....   | 199,980 67           | Reserves for—                              |                        |
| Central Heating Plants.....                                      | 9,514 50             | Replacement.....                           | 3,026,950 37           |
| Harbour Shops.....   | 18,260 18            | Fire and General Insurance..               | 153,754 53             |
| Electric Power System.....                                       | 86,074 96            |  | <u>3,180,704 90</u>    |
| Water Supply System.....   | 29,184 61            |  | 47,326,818 66          |
| Floating Equipment.....  | 116,472 73           |  |                        |
| Shore Equipment.....   | 70,993 57            | Deficit—                                   |                        |
| Miscellaneous Small Plant.....                                   | 9,323 68             | As at January 1, 1950.....                 | 15,611,166 99          |
| Sundry Expenditures (Undistributed).....                         | 1,621,453 70         | Loss on 1950 Operations.....               | 834,853 12             |
|  | <u>29,772,729 35</u> |  | <u>16,446,020 11</u>   |
|  |                      |  | <u>30,880,798 55</u>   |
|  |                      |  | <u>\$30,947,379 34</u> |

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice rivers, about 81 miles below Montreal. It is open to navigation for about  $7\frac{1}{2}$  months in the year. The facilities operated by the Board include three main wharves having some 7,650 linear feet of berthing with a minimum water depth of 30 feet alongside and nine transit sheds with a total floor area of about 192,000 square feet.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 2,434                   | 2,405,539                    |
| 1949.....          | 2,200                   | 2,241,825                    |
| 1948.....          | 2,243                   | 2,258,358                    |
| 1947.....          | 2,217                   | 1,713,516                    |
| 1946.....          | 2,073                   | 1,796,200                    |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 2,434                   | 2,405,509                    |
| 1949.....          | 2,192                   | 2,241,371                    |
| 1948.....          | 2,243                   | 2,258,358                    |
| 1947.....          | 2,217                   | 1,713,516                    |
| 1946.....          | 2,073                   | 1,796,200                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 231                     | 823,712                      | 168                     | 567,337                      |
| Coastal or inland commercial (including fishery)..... | 2,173                   | 1,568,759                    | 1,997                   | 1,654,474                    |
| Other.....  | 30                      | 13,068                       | 35                      | 20,014                       |
| Total.....  | 2,434                   | 2,405,539                    | 2,200                   | 2,241,825                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 231                     | 823,712                      | 168                     | 567,337                      |
| Coastal or inland commercial (including fishery)..... | 2,173                   | 1,568,729                    | 1,989                   | 1,654,020                    |
| Other.....  | 30                      | 13,068                       | 35                      | 20,014                       |
| Total.....  | 2,434                   | 2,405,509                    | 2,192                   | 2,241,371                    |

(Exclusive of naval vessels)

## TRAFFIC

### CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1950.....        | 374,273   | 549,231 | 923,504   |
| 1949.....        | 120,936   | 343,468 | 464,404   |
| 1948.....        | 350,995   | 349,585 | 700,580   |
| 1947.....        | 340,025   | 563,515 | 903,540   |
| 1946.....        | 294,898   | 466,358 | 761,256   |
| <i>Domestic—</i> |           |         |           |
| 1950.....        | 1,835,199 | 17,511  | 1,852,710 |
| 1949.....        | 1,807,043 | 5,565   | 1,812,608 |
| 1948.....        | 1,858,889 | 8,541   | 1,867,430 |
| 1947.....        | 1,692,310 | 12,279  | 1,704,589 |
| 1946.....        | 1,132,324 | 8,944   | 1,141,268 |
| <i>Total—</i>    |           |         |           |
| 1950.....        | 2,209,472 | 566,742 | 2,776,214 |
| 1949.....        | 1,927,979 | 349,033 | 2,277,012 |
| 1948.....        | 2,209,884 | 358,126 | 2,568,010 |
| 1947.....        | 2,032,335 | 575,794 | 2,608,129 |
| 1946.....        | 1,427,222 | 475,302 | 1,902,524 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

| Commodities  | Inward<br>1950   | Outward<br>1950 | Total<br>1950    | Total<br>1949    |
|--|------------------|-----------------|------------------|------------------|
|  | (Tons)           | (Tons)          | (Tons)           | (Tons)           |
| Pulpwood.....  | 1,198,560        | .....           | 1,198,560        | 1,125,540        |
| Grain.....   | 348,503          | 390,855         | 739,358          | 492,726          |
| Coal, bituminous.....  | 467,923          | .....           | 467,923          | 365,784          |
| Paper, newsprint.....  | .....            | 136,350         | 136,350          | 104,578          |
| Petroleum Oil, fuel.....   | 82,018           | 4,049           | 86,067           | 82,653           |
| Gasoline.....  | 28,652           | 1,554           | 30,206           | 25,516           |
| Sulphur.....   | 22,942           | .....           | 22,942           | 22,627           |
| Iron or Steel, scrap.....  | 9,692            | .....           | 9,692            | .....            |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....               | 7,324            | 1,937           | 9,261            | 13,545           |
| Coal, anthracite.....  | 6,184            | .....           | 6,184            | .....            |
| Aluminum Manufactures not otherwise specified.....                           | .....            | 5,971           | 5,971            | 4,119            |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs..... | 5,579            | .....           | 5,579            | .....            |
| Calcium Carbide.....   | .....            | 5,599           | 5,599            | 5,194            |
| Sand and Gravel.....   | .....            | 5,368           | 5,368            | .....            |
| Salt.....  | 5,007            | .....           | 5,007            | .....            |
| Clay.....  | 4,772            | .....           | 4,772            | 10,156           |
| Acetic Acid.....   | .....            | 4,075           | 4,075            | 542              |
| Cement, common or portland.....  | 3,650            | .....           | 3,650            | .....            |
| Molasses.....  | 1,678            | .....           | 1,678            | 1,039            |
| Milk, condensed, evaporated or powdered.....                                 | .....            | 1,267           | 1,267            | 564              |
| Hay and Straw.....   | .....            | 887             | 887              | .....            |
| All Goods not otherwise specified.....                                       | 16,988           | 8,830           | 25,818           | 22,429           |
| <b>Total.....</b>  | <b>2,209,472</b> | <b>566,742</b>  | <b>2,776,214</b> | <b>2,277,012</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1950.....         | 11,851,175 | 13,264,034 | 25,115,209 |
| 1949.....         | 9,029,636  | 7,415,195  | 16,444,831 |
| 1948.....         | 6,408,216  | 8,238,337  | 14,646,553 |
| 1947.....         | 10,945,323 | 12,566,357 | 23,511,680 |
| 1946.....         | 3,057,387  | 6,793,063  | 9,850,450  |
| <i>Via rail—</i>  |            |            |            |
| 1950.....         | 99,948     | 33,000     | 132,948    |
| 1949.....         | 1,994      | 1,000      | 2,994      |
| 1948.....         | 1,825,912  | 3,000      | 1,828,912  |
| 1947.....         | 1,870,237  |            | 1,870,237  |
| 1946.....         | 1,835,311  | 24,000     | 1,859,311  |
| <i>Via other—</i> |            |            |            |
| 1950.....         | 223        | 110,892    | 111,115    |
| 1949.....         |            | 7,610      | 7,610      |
| 1948.....         |            | 40,092     | 40,092     |
| 1947.....         |            | 160,765    | 160,765    |
| 1946.....         |            | 62,674     | 62,674     |
| <i>Total—</i>     |            |            |            |
| 1950.....         | 11,951,346 | 13,407,926 | 25,359,272 |
| 1949.....         | 9,031,630  | 7,423,805  | 16,455,435 |
| 1948.....         | 8,234,128  | 8,281,429  | 16,515,557 |
| 1947.....         | 12,815,560 | 12,727,122 | 25,542,682 |
| 1946.....         | 4,892,698  | 6,879,737  | 11,772,435 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$39,069. The principal items were dredging of the basin to a depth of 33 feet, completion of repairs to the approach of the St. Angele de Laval wharf, painting of shed 10 and flashing renewal, shed 13.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$265,209, as compared with \$213,745 in 1949, an increase of \$51,464. Operating and maintenance expenses were \$64,159 as against \$45,194 in 1949, an increase of \$18,965.

After charging interest and reserve for replacements, there was a net income surplus of \$20,996, as compared with a deficit of \$11,446 in 1949.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|   |    |            |               |
|---|----|------------|---------------|
| OPERATING REVENUES—   |    |            |               |
| Harbour General—  |    |            |               |
| Harbour Dues.....   | \$ | 8,799 11   |               |
| Miscellaneous.....  |    | 1,064 30   |               |
|   |    | <hr/>      | \$ 9,863 41   |
| Wharves and Piers—  |    |            |               |
| Top Wharfage.....   |    | 116,817 15 |               |
| Dockage.....  |    | 30,858 00  |               |
| Miscellaneous.....  |    | 48,435 56  |               |
|   |    | <hr/>      | 196,110 71    |
| Permanent Sheds—  |    |            |               |
| Shed Rentals.....   |    | 56,831 75  |               |
| Miscellaneous Services—Outsiders.....                           |    | 2,403 25   |               |
|   |    | <hr/>      | \$ 265,209 12 |
| OPERATING EXPENSES—   |    |            |               |
| Administration.....   |    | 19,278 18  |               |
| Operation and Maintenance—                                      |    |            |               |
| Harbour Dredging.....   |    | 30,870 00  |               |
| Harbour General.....  |    | 5,038 54   |               |
| Roads, Fences and Boundaries.....                               |    | 50 00      |               |
| Wharves and Piers.....  |    | 5,601 47   |               |
| Permanent Sheds.....  |    | 2,670 49   |               |
| Miscellaneous Services—Outsiders.....                           |    | 650 10     |               |
|   |    | <hr/>      | 44,880 60     |
|   |    | <hr/>      | 64,158 78     |
| Operating Income.....   |    |            | 201,050 34    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         |    |            |               |
|   |    |            | 39,872 00     |
| Total Income.....   |    |            | 240,922 34    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |    |            |               |
| Income received from Reserve Funds transferred to Reserves..... |    | 39,872 00  |               |
| Reserve for Bad Debts.....                                      |    | 200 00     |               |
| Miscellaneous Income Charges.....                               |    | 214 14     |               |
|   |    | <hr/>      | 40,286 14     |
|   |    | <hr/>      | 200,636 20    |
| OTHER INCOME REQUIREMENTS—                                      |    |            |               |
| Reserve for Replacements.....                                   |    | 70,000 00  |               |
| Interest Due Government.....                                    |    | 109,639 91 |               |
|   |    | <hr/>      | 179,639 91    |
| Net Income Surplus.....   | \$ |            | 20,996 29     |

## BALANCE SHEET AS AT DECEMBER 31, 1950

| ASSETS   |              | LIABILITIES                     |                 |
|--|--------------|---------------------------------|-----------------|
| CURRENT—   |              | CURRENT—                        |                 |
| Cash on hand and on deposit with Receiver General of Canada.....\$ | 13,187 77    | Accounts Payable.....\$         | 677 73          |
| Accounts Receivable.....\$   | 27,101 65    | Salaries and Wages Payable..... | 115 28          |
| Less—Reserve for Bad Debts.....                                    | 2,800 00     |                                 | \$ 793 01       |
| Stores On Hand.....  | 24,301 65    |                                 |                 |
|  | 1,119 16     | DEFERRED REVENUE.....           | 27,410 97       |
|  | \$ 38,608 58 |                                 | 28,203 98       |
| RESERVE FUNDS—   |              | PROPRIETARY EQUITY              |                 |
| Replacement Fund.....  | 1,381,146 94 |                                 |                 |
| Fire and General Insurance Fund.....                               | 42,133 46    |                                 |                 |
|  | 1,423,280 40 |                                 |                 |
| PREPAID EXPENSES.....  | 486 63       | GOVERNMENT OF CANADA—           |                 |
|  |              | Loans and Advances—             |                 |
|  |              | Non-Interest Bearing.....\$     | 590,857 27      |
|  |              | Interest Bearing.....           | 3,987,856 39    |
|  |              | Accrued Interest.....           | 247,995 36      |
|  |              |                                 | 4,826,209 02    |
| FIXED—   |              | Reserves for—                   |                 |
| Real Estate.....   | 1,204,777 00 | Replacement.....                | 1,381,146 94    |
| Roads, Fences and Boundaries.....                                  | 60,384 26    | Fire and General Insurance....  | 42,133 46       |
| Miscellaneous Structures.....                                      | 1,281 16     |                                 |                 |
| Wharves and Piers.....   | 5,780,047 59 |                                 |                 |
| Permanent Sheds.....   | 791,660 07   |                                 |                 |
| Railway System.....  | 26,611 43    |                                 |                 |
| Office Furniture and Appliances.....                               | 1,130 72     |                                 |                 |
| Electric Power System.....   | 14,830 15    |                                 |                 |
| Water Supply System.....   | 10,894 44    |                                 |                 |
| Shore Equipment.....   | 1,201 41     |                                 |                 |
| Miscellaneous Small Plant.....                                     | 1,055 20     | Surplus—                        |                 |
| Works under Construction.....                                      | 2,163 00     | As at January 1, 1950.....      | 3,058,772 35    |
|  |              | Profit on 1950 Operations....   | 20,996 29       |
|  |              |                                 | 3,079,768 64    |
|  |              |                                 | 9,320,258 06    |
|  |              |                                 | \$ 9,357,462 04 |



## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of  $32\frac{1}{2}$  feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation from about the middle of April to the beginning of December of each year. The Board operates main piers, wharves and jetties providing 105 berths, totalling about 10 miles of berthing accommodation; 27 transit sheds, with an aggregate floor area of over 2,179,000 square feet; also 4 grain elevators, with a total storage capacity of over 15,000,000 bushels, and  $3\frac{1}{2}$  miles of grain conveyor galleries; and a cold storage warehouse, with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 10 locomotive cranes are available.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 4,796                   | 8,263,614                    |
| 1949.....          | 4,480                   | 7,637,311                    |
| 1948.....          | 3,667                   | 6,627,056                    |
| 1947.....          | 3,433                   | 5,948,537                    |
| 1946.....          | 3,193                   | 5,239,076                    |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 4,803                   | 8,264,345                    |
| 1949.....          | 4,493                   | 7,652,848                    |
| 1948.....          | 3,661                   | 6,635,831                    |
| 1947.....          | 3,434                   | 5,944,018                    |
| 1946.....          | 3,208                   | 5,260,474                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,211                   | 4,491,795                    | 1,112                   | 4,113,327                    |
| Coastal or inland commercial (including fishery)..... | 3,439                   | 3,747,846                    | 3,198                   | 3,502,218                    |
| Other.....  | 146                     | 23,973                       | 170                     | 21,766                       |
| Total.....  | 4,796                   | 8,263,614                    | 4,480                   | 7,637,311                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,215                   | 4,493,265                    | 1,118                   | 4,121,972                    |
| Coastal or inland commercial (including fishery)..... | 3,440                   | 3,745,913                    | 3,204                   | 3,509,137                    |
| Other.....  | 148                     | 25,167                       | 171                     | 21,739                       |
| Total.....  | 4,803                   | 8,264,345                    | 4,493                   | 7,652,848                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1950.....        | 6,292,018 | 3,435,195 | 9,727,213  |
| 1949.....        | 4,263,258 | 4,168,136 | 8,431,394  |
| 1948.....        | 4,194,095 | 4,002,652 | 8,196,747  |
| 1947.....        | 3,681,595 | 4,660,820 | 8,342,415  |
| 1946.....        | 2,551,868 | 4,392,376 | 6,944,244  |
| <i>Domestic—</i> |           |           |            |
| 1950.....        | 2,287,016 | 3,301,304 | 5,588,320  |
| 1949.....        | 2,779,010 | 2,659,742 | 5,438,752  |
| 1948.....        | 1,314,291 | 2,127,082 | 3,441,373  |
| 1947.....        | 641,871   | 1,823,587 | 2,465,458  |
| 1946.....        | 853,150   | 1,301,706 | 2,154,856  |
| <i>Total—</i>    |           |           |            |
| 1950.....        | 8,579,034 | 6,736,499 | 15,315,533 |
| 1949.....        | 7,042,268 | 6,827,878 | 13,870,146 |
| 1948.....        | 5,508,386 | 6,129,734 | 11,638,120 |
| 1947.....        | 4,323,466 | 6,484,407 | 10,807,873 |
| 1946.....        | 3,405,018 | 5,694,082 | 9,099,100  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1950 | Outward<br>1950 | Total<br>1950 | Total<br>1949 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  | 1,768,331      | 2,087,739       | 3,856,070     | 4,531,332     |
| Petroleum Oil, crude.....   | 2,284,702      | 251,561         | 2,536,263     | 1,855,867     |
| Petroleum Oil, fuel.....  | 655,251        | 1,131,433       | 1,786,684     | 934,075       |
| Gasoline.....   | 186,729        | 1,347,791       | 1,534,520     | 1,697,266     |
| Coal, bituminous.....   | 1,056,336      | 114             | 1,056,450     | 939,118       |
| Iron Ore.....   | 220,666        | 219,174         | 439,840       | 453,181       |
| Flour, wheat.....   | 4,731          | 405,612         | 410,343       | 395,849       |
| Sugar, raw.....   | 335,241        | 23,313          | 358,554       | 275,007       |
| Coal, anthracite.....   | 294,466        | 34,960          | 329,426       | 253,271       |
| Manganese Ore.....  | 112,287        | 101,090         | 213,377       | 49,728        |
| Cement, common or portland.....   | 109,573        | 100,652         | 210,225       | 211,717       |
| Gypsum, crude.....  | 169,897        | 22,750          | 192,647       | 174,082       |
| Iron or Steel Band, Bars not otherwise specified,<br>Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin<br>Plate..... | 133,041        | 6,587           | 139,628       | 56,793        |
| Motor Vehicles and Parts.....   | 90,687         | 33,299          | 123,986       | 79,062        |
| Chrome Ore.....   | 68,293         | 41,641          | 109,934       | 49,115        |
| Asbestos and Asbestos Manufactures.....   | 3,349          | 86,228          | 89,577        | 27,583        |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 17,889         | 68,909          | 86,798        | 64,680        |

CARGO TONNAGE—COMMODITIES—*Concluded*

| Commodities  | Inward<br>1950 | Outward<br>1950 | Total<br>1950 | Total<br>1949 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Iron or Steel, scrap.....  | 60,588         | 8,713           | 69,301        | 12,273        |
| Molasses.....  | 64,580         | 69              | 64,649        | 56,796        |
| Kerosene.....  | 29,517         | 31,084          | 60,601        | 49,300        |
| Sulphur.....   | 60,367         | .....           | 60,367        | 20,278        |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....    | 126            | 54,677          | 54,803        | 55,179        |
| Phosphate Rock.....  | 52,238         | .....           | 52,238        | 52,617        |
| Distillate, lubricating and solvent oils.....                                  | .....          | 47,211          | 47,211        | 83,406        |
| Glass and Glass Manufactures.....  | 44,626         | 1,746           | 46,372        | 36,926        |
| Iron or Steel Manufactures not otherwise specified....                         | 39,384         | 6,872           | 46,256        | 32,061        |
| Fertilizers and Fertilizer Materials.....                                      | 15,017         | 29,604          | 44,621        | 24,913        |
| Machinery and Parts (except agricultural).....                                 | 29,821         | 13,662          | 43,483        | 30,209        |
| Clay.....  | 36,356         | 5,015           | 41,371        | 21,290        |
| Sand and Gravel.....   | 37,423         | 4               | 37,427        | 3,496         |
| Cheese.....  | 3,568          | 31,624          | 35,192        | 28,385        |
| Ferro-alloys.....  | 4,026          | 30,958          | 34,984        | 48,365        |
| Dry Goods not otherwise specified.....   | 29,439         | 4,822           | 34,261        | 31,912        |
| Wood-pulp.....   | 4,976          | 28,028          | 33,004        | 44,085        |
| Nickel and Nickel Manufactures.....  | 221            | 31,628          | 31,849        | 37,731        |
| Beverages, alcoholic.....  | 22,331         | 5,228           | 27,559        | 26,611        |
| Vegetable Oils.....  | 18,574         | 6,534           | 25,108        | 19,489        |
| Iron or Steel, structural.....   | 23,612         | 1,289           | 24,901        | 8,676         |
| Fruits and Fruit Products (including Juices) not other-<br>wise specified..... | 22,362         | 431             | 22,793        | 12,937        |
| Milk, condensed, evaporated or powdered.....                                   | 785            | 21,119          | 21,904        | 31,552        |
| Fruits, canned or preserved.....   | 20,166         | 1,396           | 21,562        | 20,284        |
| Iron or Steel Tubes, Pipe and Fittings.....                                    | 17,756         | 2,794           | 20,550        | 13,028        |
| Tea.....   | 20,541         | .....           | 20,541        | 15,601        |
| Jute and Jute Manufactures.....  | 16,267         | 3,340           | 19,607        | 14,259        |
| Wool, unmanufactured, and Wool Yarns.....                                      | 17,534         | 613             | 18,147        | 17,597        |
| Fruits, dried.....   | 17,106         | 523             | 17,629        | 12,295        |
| Agricultural Implements, Machinery and Parts<br>(except Motor Vehicles).....   | 536            | 16,950          | 17,486        | 22,820        |
| Paper not otherwise specified.....   | 4,634          | 12,723          | 17,357        | 22,285        |
| Grain Products (Mill Products except Wheat Flour)...                           | 100            | 14,365          | 14,465        | 14,542        |
| Settlers' Effects.....   | 8,926          | 4,892           | 13,818        | 15,522        |
| Feed, animal or poultry, not otherwise specified.....                          | 71             | 13,239          | 13,310        | 13,876        |
| Brick.....   | 8,799          | 4,495           | 13,294        | 7,896         |
| Chemicals not otherwise specified.....   | 9,697          | 3,421           | 13,118        | 7,164         |
| Meats, canned, cured, prepared or preserved.....                               | 2,107          | 10,995          | 13,102        | 23,120        |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs.....   | 12,776         | 144             | 12,920        | 342           |
| Electrical Goods not otherwise specified.....                                  | 5,142          | 7,727           | 12,869        | 10,737        |
| Confectionery.....   | 11,421         | 1,348           | 12,769        | 5,974         |
| Coffee Beans and Coffee Preparations.....                                      | 12,698         | .....           | 12,698        | 22,691        |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....              | 2,470          | 10,088          | 12,558        | 7,880         |
| Hardware not otherwise specified.....  | 5,797          | 6,696           | 12,493        | 7,539         |
| Chinaware, Earthenware and Porcelainware.....                                  | 11,922         | 104             | 12,026        | 11,901        |
| Cocoa Beans, Cocoa Preparations and Chocolate<br>(except Confectionery).....   | 11,982         | 11              | 11,993        | 13,831        |
| Bauxite Ore.....   | 11,991         | .....           | 11,991        | 9,902         |
| Rubber, crude (including Latex).....   | 6,003          | 5,787           | 11,790        | 17,441        |
| Locomotives and Parts.....   | 106            | 11,516          | 11,622        | 36,972        |
| Rice.....  | 11,264         | 231             | 11,495        | 9,887         |
| Rock and Stone.....  | 11,118         | 148             | 11,266        | 11,613        |
| Nuts.....  | 10,859         | 17              | 10,876        | 5,603         |
| Coke.....  | 3,224          | 7,241           | 10,465        | 4,037         |
| All Goods not otherwise specified.....   | 194,615        | 272,524         | 467,139       | 657,294       |
| Total.....   | 8,579,034      | 6,736,499       | 15,315,533    | 13,870,146    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1950.....         | 25,053 | 20,877   | 45,930  |
| 1949.....         | 22,509 | 20,739   | 43,248  |
| 1948.....         | 17,957 | 16,693   | 34,650  |
| 1947.....         | 9,562  | 9,181    | 18,743  |
| 1946.....         | 4,240  | 4,477    | 8,717   |
| <i>Coastwise—</i> |        |          |         |
| 1950.....         | 48,813 | 52,683   | 101,496 |
| 1949.....         | 72,820 | 69,841   | 142,661 |
| 1948.....         | 77,458 | 75,184   | 152,642 |
| 1947.....         | 75,991 | 69,190   | 145,181 |
| 1946.....         | 73,995 | 70,053   | 144,048 |
| <i>Total—</i>     |        |          |         |
| 1950.....         | 73,866 | 73,560   | 147,426 |
| 1949.....         | 95,329 | 90,580   | 185,909 |
| 1948.....         | 95,415 | 91,877   | 187,292 |
| 1947.....         | 85,553 | 78,371   | 163,924 |
| 1946.....         | 78,235 | 74,530   | 152,765 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1950, with comparisons for previous years.

|                   | Receipts    | Shipments  | Total       |
|-------------------|-------------|------------|-------------|
|                   | (Bu.)       | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |             |            |             |
| 1950.....         | 62,679,547  | 71,027,642 | 133,707,189 |
| 1949.....         | 71,544,011  | 87,164,153 | 158,708,164 |
| 1948.....         | 19,891,513  | 60,077,743 | 79,969,256  |
| 1947.....         | 11,612,547  | 61,969,120 | 73,581,667  |
| 1946.....         | 25,922,298  | 67,029,562 | 92,951,860  |
| <i>Via rail—</i>  |             |            |             |
| 1950.....         | 16,574,326  | 9,024,452  | 25,598,778  |
| 1949.....         | 30,968,846  | 6,596,415  | 37,565,261  |
| 1948.....         | 47,215,696  | 4,230,577  | 51,446,273  |
| 1947.....         | 55,687,127  | 2,548,393  | 58,235,520  |
| 1946.....         | 47,038,604  | 6,987,027  | 54,025,631  |
| <i>Via other—</i> |             |            |             |
| 1950.....         | 404,750     | 4,588,825  | 4,993,575   |
| 1949.....         | 46,080      | 3,703,631  | 3,749,711   |
| 1948.....         | 46,758      | 3,149,890  | 3,196,648   |
| 1947.....         | 21,647      | 2,362,685  | 2,384,332   |
| 1946.....         | 6,434       | 4,599,301  | 4,605,735   |
| <i>Total—</i>     |             |            |             |
| 1950.....         | 79,658,623  | 84,640,919 | 164,299,542 |
| 1949.....         | 102,558,937 | 97,464,199 | 200,023,136 |
| 1948.....         | 67,153,967  | 67,458,210 | 134,612,177 |
| 1947.....         | 67,321,321  | 66,880,198 | 134,201,519 |
| 1946.....         | 72,967,336  | 78,615,890 | 151,583,226 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1950, with comparison for 1949.

|  | 1950    | 1949    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 37,551  | 51,182  |
| Non-revenue cars.....  | 18,126  | 12,292  |
| Total.....   | 55,677  | 63,474  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 36,523  | 27,724  |
| Non-revenue cars.....  | 20,157  | 36,154  |
| Total.....   | 56,680  | 63,878  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 8       | 31      |
| Non-revenue cars.....  |         |         |
| Total.....   | 8       | 31      |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 2,039   | 2,214   |
| Non-revenue cars.....  |         | 14      |
| Total.....   | 2,039   | 2,228   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 76,121  | 81,151  |
| Non-revenue cars.....  | 38,283  | 48,460  |
| Total.....   | 114,404 | 129,611 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$884,032, excluding maintenance of Jacques Cartier Bridge, on which \$35,531 was expended. The larger items were repairs to railway system, grain elevator system, shore and floating equipment, wharves and piers, transit sheds, cold storage warehouse, harbour lighting and electric power system and harbour roads.

## CAPITAL WORKS

Expenditures chargeable either to capital or replacement reserve amounted to \$1,791,942. The principal items were:

*Reconstruction of Jacques Cartier Pier.*—Reconstruction of the upstream face and half of the outer end of Jacques Cartier pier, which was started in 1949, was completed in the spring of 1950.

*Extension to Shed 10, King Edward Pier.*—Construction of a double storey extension to shed 10, which was started in 1949, was completed during 1950 and put into use in July.

*Paved Roadway, sections 27 to 30.*—During the year a contract was awarded Chas. Duranceau Ltd. for the construction of a new roadway and turning areas, consisting of asphalt pavement laid on a macadam base, in the vicinity of shed 29, sections 27 to 30. This work was completed during the year.

CAPITAL WORKS—*Concluded*

*Extension to Shed 14, Jacques Cartier Pier.*—The contract for the reconstruction of Jacques Cartier pier included the construction of foundations for the extension of the existing two-storey shed. These foundations were completed early in 1950.

*Waiting Rooms and Offices, Sheds 3, 4 and 8.*—During the year, public waiting rooms were constructed in sheds 3 and 8, and modern fireproof offices were built in sheds 4 and 8 for the use of shed lessees.

*Installation Grain Shiploaders, Sheds 12 and 14—Jacques Cartier Pier.*—A contract was awarded to Henri Lord and Company Limited for the installation of two travelling grain shiploaders at sheds 12 and 14 to replace existing grain spouts. The shiploaders were put into operation in November, 1950.

*Fork Lift Trucks and Pallets, Cold Storage Warehouse.*—Three fork lift trucks were purchased from the Dominion Equipment Company for use in the cold storage warehouse and were operating by May, 1950. Pallets were constructed by Board forces.

*Dredging Berths, Sections 98, 99, 100.*—The berth fronting sections 98, 99 and 100 was deepened to provide a minimum depth of 32 feet 6 inches below low water 1897. The dredging was carried out in part by harbour forces and by Marine Industries Limited.

*Installing Hand Starting Compensators at the Motors in the Conveyor System, Elevators 1 and 2.*—Installation of these compensators was started in the latter part of 1950 and will be completed before the opening of the 1951 navigation season.

*Minor Items.*—A number of minor additions and improvements were carried out in 1950. These included: purchase of two trucks, diesel engine and gearing for testing scow No. 3, battery charger, beading machine, two filled-bag closing machines and real estate at sections 63-64; installation of wharf floodlights between Windmill point and section 45; cargo handling fixtures at sheds 4, 6, 13, 15; automatic timers for shed and wharf lighting; safety switches in conveyor system elevators 1 and 2, lighting circuits under conveyor galleries at sheds 11, 13, 15, 16, 17, safety equipment for cold storage refrigeration plant; completion of installation of latrines at shed 19 and safety devices on passenger hoists in grain elevators, Windmill point; alterations to fire protection equipment in cold storage warehouse and construction of spur trackage.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$6,324,037, as compared with \$6,272,697 in 1949, an increase of \$51,340. The only significant changes, as compared with the previous year, were an increase of \$234,000 in wharf revenues and a decline of \$201,000 in receipts from the operation of grain elevators.

Operating and maintenance expenses were \$3,500,606, as against \$3,663,798 in 1949, a decrease of \$163,192.

Net income surplus, after all charges, including interest due the Government and reserve for replacements, was \$300,064, as compared with a surplus of \$101,694 in 1949.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

(Excluding Jacques Cartier Bridge)

|   |    |              |                 |
|---|----|--------------|-----------------|
| OPERATING REVENUES—   |    |              |                 |
| Harbour General—  |    |              |                 |
| Harbour Dues.....   | \$ | 45,544 71    |                 |
| Miscellaneous.....  |    | 21,704 30    |                 |
|   |    |              | \$ 67,249 01    |
| Wharves and Piers—  |    |              |                 |
| Top Wharfage.....   |    | 2,097,655 44 |                 |
| Dockage.....  |    | 380,761 74   |                 |
| Miscellaneous.....  |    | 227,088 80   |                 |
|   |    |              | 2,705,505 98    |
| Permanent Sheds—  |    |              |                 |
| Shed Rentals.....   |    | 321,797 96   |                 |
| Storage.....  |    | 50,311 25    |                 |
| Miscellaneous.....  |    | 41,068 16    |                 |
|   |    |              | 413,177 37      |
| Sheds Hoists.....   |    |              | 35,198 00       |
| Railway System.....   |    |              | 509,308 81      |
| Grain Elevator System—  |    |              |                 |
| Elevation.....  |    | 1,149,041 16 |                 |
| Storage.....  |    | 667,416 61   |                 |
| Miscellaneous.....  |    | 103,349 65   |                 |
|   |    |              | 1,919,807 42    |
| Cold Storage System—  |    |              |                 |
| Storage.....  |    | 331,132 67   |                 |
| Miscellaneous.....  |    | 59,810 16    |                 |
|   |    |              | 390,942 83      |
| Miscellaneous Services—Outsiders.....                           |    |              | 282,847 29      |
|   |    |              | \$ 6,324,036 71 |
| OPERATING EXPENSES—   |    |              |                 |
| Administration.....   | \$ | 449,119 74   |                 |
| Operation and Maintenance—                                      |    |              |                 |
| Harbour Dredging.....   | \$ | 60,906 56    |                 |
| Harbour General.....  |    | 391,768 25   |                 |
| Roads, Fences and Boundaries.....                               |    | 49,146 21    |                 |
| Sewers and Drains.....  |    | 6,972 34     |                 |
| Wharves and Piers.....  |    | 86,043 14    |                 |
| Permanent Sheds.....  |    | 103,321 30   |                 |
| Shed Hoists.....  |    | 32,763 22    |                 |
| Railway System.....   |    | 683,869 40   |                 |
| Grain Elevator System.....                                      |    | 1,121,729 17 |                 |
| Cold Storage System.....  |    | 292,843 17   |                 |
| Miscellaneous Services—Outsiders.....                           |    | 222,123 50   |                 |
|   |    |              | 3,051,486 26    |
|   |    |              | 3,500,606 00    |
| Operating Income.....   |    |              | 2,823,430 71    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         |    |              |                 |
|   |    | 344,818 93   |                 |
| MISCELLANEOUS INCOME CREDITS.....                               |    |              |                 |
|   |    | 5,504 89     |                 |
|   |    |              | 350,323 82      |
| Total Income.....   |    |              | 3,173,754 53    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |    |              |                 |
| Income Received from Reserve Funds transferred to Reserves..... |    | 344,818 93   |                 |
| Miscellaneous Income Charges.....                               |    | 30,119 34    |                 |
|   |    |              | 374,938 27      |
|   |    |              | 2,798,816 26    |
| OTHER INCOME REQUIREMENTS—                                      |    |              |                 |
| Reserve for Replacements.....                                   |    | 818,258 00   |                 |
| Interest Due Government.....                                    |    | 1,680,494 55 |                 |
|   |    |              | 2,498,752 55    |
| Net Income Surplus.....   | \$ |              | 300,063 71      |

## BALANCE SHEET AS AT DECEMBER 31, 1950

## ASSETS

|   |    |               |
|---|----|---------------|
| CURRENT—                                  |    |               |
| Cash on hand and on deposit with Receiver |    | 768,544 06    |
| General of Canada.....                    | \$ | 575,314 47    |
| Accounts Receivable.....                  | \$ | 1,904 50      |
| Less Reserve for Bad Debts.....           |    |               |
| Advances Due on Capital Account.....      |    | 573,409 97    |
| Stores On Hand.....                       |    | 28,199 59     |
| Accrued Revenue.....                      |    | 336,378 94    |
| Other Assets.....                         |    | 120,373 02    |
|   |    | 137,716 58    |
|   |    | <hr/>         |
|   |    | 1,964,622 16  |
|   |    | 128,099 02    |
| SECURITY DEPOSITS.....                    |    |               |
| RESERVE FUNDS—                            |    |               |
| Replacement Fund.....                     |    | 11,349,648 73 |
| Fire and General Insurance Fund.....      |    | 1,048,656 45  |
|   |    | <hr/>         |
|   |    | 12,398,305 18 |
|   |    | 13,731 57     |
|   |    | 15,295 30     |
| PREPAID EXPENSES.....                     |    |               |
| PREPAID DEBITS.....                       |    |               |

|                                       |            |
|---------------------------------------|------------|
| Harbour Dredging .....                | 5,616,356  |
| Real Estate .....                     | 2,230,580  |
| Roads, Fences and Boundaries .....    | 851,802    |
| Stewers and Drains .....              | 170,414    |
| Miscellaneous Structures .....        | 400,779    |
| Warehouses and Piers .....            | 25,967     |
| Permanent Sheds .....                 | 7,823,820  |
| Shed Hoists .....                     | 236,972    |
| Railway System .....                  | 4,126,006  |
| Grain Elevator System .....           | 15,709,577 |
| Cold Storage System .....             | 3,039,241  |
| Office Furniture and Appliances ..... | 56,920     |
| Harbour Buildings .....               | 312,025    |
| Central Heating Plants .....          | 14,579     |
| Harbour Shops .....                   | 297,336    |
| Electric Power System .....           | 1,054,598  |
| Water Supply System .....             | 163,997    |
| Floating Equipment .....              | 852,666    |
| Shore Equipment .....                 | 377,444    |
| Works under Construction .....        | 216,742    |

GOVERNMENT OF CANADA—  
Loans and Advances—

|                                     |                 |               |
|-------------------------------------|-----------------|---------------|
| Loans and Advances—                 |                 |               |
| Non-Interest Bearing.....           | \$ 4,555,041 93 |               |
| Interest Bearing.....               | 62,589,240 92   |               |
| Accrued Interest.....               | 5,787,950 99    |               |
|                                     | <hr/>           | 72,932,233 84 |
| Reserves for—                       |                 |               |
| Replacement.....                    | 11,348,117 23   |               |
| Fire and General Insurance..        | 1,048,656 45    |               |
|                                     | <hr/>           | 12,396,773 68 |
|                                     |                 | 85,329,007 52 |
| Deficit as at January 1, 1950 ..... | 2,547,220 84    |               |
| Profit on 1950 Operations.....      | 300,063 71      |               |
| Add Adjustments 1950.....           | 723 72          |               |
|                                     | <hr/>           | 2,046,483 41  |

69,219,005 92  
\$83,739,059 15

## JACQUES CARTIER BRIDGE—MONTREAL

### TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1950, with comparisons for 1949.

|                              | 1950       | 1949       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 11,897,298 | 11,896,842 |
| Automobiles (passenger)..... | 3,858,165  | 3,414,171  |
| Trucks.....                  | 814,942    | 689,096    |
| Buses.....                   | 117,750    | 120,626    |
| All others.....              | 31,605     | 37,142     |

### REVENUES AND EXPENDITURES

Bridge tolls and sundry receipts amounted to \$1,231,537, exceeding those of 1949 by \$126,615. Operating and maintenance expenditures were \$148,385, as compared with \$141,727 in the previous year.

After making provision for interest, reserve for depreciation, and other charges against income, there was a net income deficit of \$50,773, as compared with a deficit of \$419,993 in 1949.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was applied to the extent of \$423,750 to reduce the capital debt to \$19,626,000.

No contributions towards deficits were required from the Province of Quebec and the City of Montreal in respect of 1950 operations, but payments for the years 1944-1949 inclusive are still outstanding.

#### INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|   |                 |                 |
|---|-----------------|-----------------|
| OPERATING REVENUES—   |                 |                 |
| Bridge Tolls Collected.....                                     | \$ 1,220,100 89 |                 |
| Sundry Receipts.....  | 11,436 59       |                 |
|   |                 | \$ 1,231,537 48 |
| OPERATING EXPENSES—   |                 |                 |
| Administration.....   | 26,697 72       |                 |
| Operation.....  | 86,156 74       |                 |
| Maintenance.....  | 35,530 64       |                 |
|   |                 | 148,385 10      |
| Operating Income.....   |                 | 1,083,152 38    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         | 19,036 14       |                 |
| MISCELLANEOUS INCOME CREDITS.....                               | 2,437 64        |                 |
|   |                 | 21,473 78       |
| Total Income.....   |                 | 1,104,626 16    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |                 |                 |
| Income received from Reserve Funds transferred to Reserves..... | 19,036 14       |                 |
| Bond Discount and Redemption Premium.....                       | 61,333 68       |                 |
| Miscellaneous Income Charges.....                               | 102 19          |                 |
|   |                 | 80,472 01       |
|   |                 | 1,024,154 15    |
| OTHER INCOME REQUIREMENTS—                                      |                 |                 |
| Reserve for Depreciation.....                                   | 166,154 63      |                 |
| Interest Due Government Deficit Debt.....                       | 361,701 54      |                 |
| Interest Due Government Capital Debt.....                       | 547,070 59      |                 |
|   |                 | 1,074,926 76    |
| Net Income Deficit.....   | \$              | 50,772 61       |



## BALANCE SHEET AS AT DECEMBER 31, 1950

| ASSETS   |                 | LIABILITIES                          |                 |
|--|-----------------|--------------------------------------|-----------------|
| CURRENT—   |                 | CURRENT—                             |                 |
| Cash On Hand and on deposit with Receiver General of Canada..... | \$ 164,467 50   | Accounts Payable.....                | \$ 17,777 81    |
| Accounts Receivable.....   | 25,372 01       | Salaries and Wages Payable.....      | 2,443 63        |
| Province of Quebec on account of Deficit.....                    | 744,425 77      |                                      | 20,221 74       |
| City of Montreal on account of Deficit.....                      | 744,425 77      |                                      | 25 00           |
| Accrued Revenue.....   | 1,488,851 54    | DEFERRED REVENUE.....                | 20,246 74       |
|  | 1,666 67        |                                      |                 |
|  | \$ 1,680,357 72 | PROPRIETARY EQUITY                   |                 |
| MISCELLANEOUS FUNDS.....   | 631,191 57      | GOVERNMENT OF CANADA—                |                 |
|  |                 | Loans and Advances—                  |                 |
|  |                 | Interest Bearing—                    |                 |
|  |                 | Capital Debt.....                    | \$19,626,000 00 |
|  |                 | Deficit Debt.....                    | 7,234,031 00    |
|  |                 | Accrued Interest (Deficit Debt)..... | 4,229,348 10    |
|  |                 |                                      | 31,089,379 10   |
| BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT.....               | 1,155,117 94    | RESERVES—                            |                 |
|  |                 | Depreciation.....                    | 3,156,802 33    |
|  |                 | Special Maintenance—                 |                 |
|  |                 | General.....                         | 367,638 04      |
| PREPAID EXPENSES.....  | 2,828 74        | Painting.....                        | 263,553 53      |
|  |                 |                                      | 3,787,993 90    |
| DEFERRED DEBITS.....   | 2,273 71        |                                      | 34,877,373 00   |
|  |                 | Deficit—                             |                 |
|  |                 | As at January 1, 1950.....           | 12,794,270 24   |
|  |                 | Loss on 1950 Operations.....         | 50,772 61       |
|  |                 |                                      | 12,845,042 85   |
| FIXED—   |                 |                                      | 22,032,330 15   |
| Bridge Structure, Right of Way, etc.....                         | 18,580,807 21   |                                      |                 |
|  | \$22,052,576 89 |                                      | \$22,052,576 89 |

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1950.....         | 8,084,261  | 7,792,387  | 15,876,648 |
| 1949.....         | 16,012,485 | 12,427,098 | 28,439,583 |
| 1948.....         | 3,823,395  | 3,249,420  | 7,072,815  |
| 1947.....         | 9,085,839  | 7,701,869  | 16,787,708 |
| 1946.....         | 7,457,193  | 5,659,845  | 13,117,038 |
| <i>Via rail—</i>  |            |            |            |
| 1950.....         | 264,992    | 1,728,352  | 1,993,344  |
| 1949.....         | 472,358    | 1,419,307  | 1,891,665  |
| 1948.....         | 473,698    | 1,012,406  | 1,486,104  |
| 1947.....         | 578,312    | 746,291    | 1,324,603  |
| 1946.....         | 363,237    | 2,524,916  | 2,888,153  |
| <i>Via other—</i> |            |            |            |
| 1950.....         |            | 397,923    | 397,923    |
| 1949.....         |            | 469,399    | 469,399    |
| 1948.....         | 1,478      | 487,404    | 488,882    |
| 1947.....         |            | 653,165    | 653,165    |
| 1946.....         |            | 614,616    | 614,616    |
| <i>Total—</i>     |            |            |            |
| 1950.....         | 8,349,253  | 9,918,662  | 18,267,915 |
| 1949.....         | 16,484,843 | 14,315,804 | 30,800,647 |
| 1948.....         | 4,298,571  | 4,749,230  | 9,047,801  |
| 1947.....         | 9,664,151  | 9,101,325  | 18,765,476 |
| 1946.....         | 7,820,430  | 8,799,377  | 16,619,807 |

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$38,177. The principal items were installation of a new marine leg belt and a new rubber curtain in one marine leg garner, replacement and re-lining of marine shipping spouts, adjusting anti-explosion window gear, maintenance of railway tracks, electrical equipment, interphone and signal systems and painting elevator motors. Magnesium power and clean-up shovels were introduced into unloading operations and proved satisfactory.

### REVENUES AND EXPENDITURES

Revenues from operations amounted to \$283,679, as compared with \$264,004 in 1949. Expenditures on operation and maintenance were \$143,904, as against \$150,155 in 1949.

Net income surplus for the year was \$146,113, as against a surplus of \$114,067 in 1949. No charge for interest or depreciation of property is made in the accounts of this facility.

PRESCOTT ELEVATOR

57

INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|                                       |    |         |            |
|---------------------------------------|----|---------|------------|
| OPERATING REVENUES—                   |    |         |            |
| Harbour General—                      |    |         |            |
| Property Rentals.....                 | \$ | 296     | 58         |
| Wharves and Piers—                    |    |         |            |
| Top Wharfrage.....                    |    | 11,354  | 22         |
| Miscellaneous.....                    |    | 76      | 00         |
| Railway System.....                   |    | 120     | 00         |
| Grain Elevator System—                |    |         |            |
| Elevation.....                        | \$ | 106,347 | 00         |
| Storage.....                          |    | 156,899 | 77         |
| Miscellaneous.....                    |    | 8,585   | 92         |
|                                       |    | 271,832 | 69         |
|                                       | \$ | 283,679 | 49         |
| OPERATING EXPENSES—                   |    |         |            |
| Administration.....                   |    |         |            |
|                                       |    | 20,500  | 23         |
| Operation and Maintenance—            |    |         |            |
| Grain Elevator System.....            |    | 123,403 | 63         |
|                                       |    | 143,903 | 86         |
| Operating Income.....                 |    | 139,775 | 63         |
| MISCELLANEOUS INCOME CREDITS.....     |    |         | 9,168 66   |
|                                       |    |         | 148,944 29 |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |         |            |
| Miscellaneous Income Charges.....     |    |         |            |
|                                       |    | 2,831   | 24         |
| Net Income Surplus.....               | \$ | 146,113 | 05         |



## Prescott Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1950

## ASSETS

|  |                      |
|--|----------------------|
| CURRENT—   |                      |
| Cash on hand and on deposit with Receiver General of Canada..... | 133,688 56           |
| Accounts Receivable.....   | 5,225 10             |
| Stores On Hand.....  | 10,649 61            |
| Accrued Revenue.....   | 17,781 61            |
| Other Assets.....  | 8,878 23             |
|  | <u>\$ 176,223 11</u> |

|                       |        |
|-----------------------|--------|
| PREPAID EXPENSES..... | 106 07 |
|-----------------------|--------|

## FIXED—

|                                      |                     |
|--------------------------------------|---------------------|
| Wharves and Piers.....               | 961,260 11          |
| Railway System.....                  | 373,248 47          |
| Grain Elevator System.....           | 3,549,717 17        |
| Office Furniture and Appliances..... | 1,767 56            |
| Miscellaneous Small Plant.....       | 2,553 94            |
|                                      | <u>4,888,547 25</u> |

\$ 5,064,876 43

## LIABILITIES AND PROPRIETARY EQUITY

|                                 |                 |
|---------------------------------|-----------------|
| CURRENT—                        |                 |
| Accounts Payable.....           | \$ 2,153 70     |
| Salaries and Wages Payable..... | 1,017 01        |
|                                 | <u>3,175 71</u> |
| DEFERRED REVENUE.....           | 97 32           |
|                                 | <u>3,273 03</u> |

## LIABILITIES

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

|                                |                   |
|--------------------------------|-------------------|
| Loans and Advances—            |                   |
| Non-Interest Bearing.....      | \$ 4,895,939 56   |
| Surplus—                       |                   |
| As at January 1, 1950.....     | \$ 133,618 02     |
| Profit on 1950 Operations..... | 146,113 05        |
|                                | <u>279,731 07</u> |

|   |            |
|---|------------|
| Payment to Government of 1949 Earnings..... | 114,067 23 |
|---|------------|

165,663 84

5,061,603 40

\$ 5,064,876 43

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

## TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1950.....         | 40,433,452 | 39,109,356 | 79,542,808 |
| 1949.....         | 39,316,122 | 35,705,911 | 75,022,033 |
| 1948.....         | 15,773,726 | 16,553,758 | 32,327,484 |
| 1947.....         | 14,703,325 | 11,350,458 | 26,053,783 |
| 1946.....         | 19,618,350 | 15,143,725 | 34,762,075 |
| <i>Via rail—</i>  |            |            |            |
| 1950.....         | 40,809     | 2,518,515  | 2,559,324  |
| 1949.....         | 89,646     | 1,250,530  | 1,340,176  |
| 1948.....         | 34,363     | 1,619,970  | 1,654,333  |
| 1947.....         | 70,076     | 3,042,151  | 3,112,227  |
| 1946.....         | 4,523      | 4,292,909  | 4,297,432  |
| <i>Via other—</i> |            |            |            |
| 1950.....         |            | 229,634    | 229,634    |
| 1949.....         |            | 374,202    | 374,202    |
| 1948.....         |            | 442,761    | 442,761    |
| 1947.....         |            | 355,953    | 355,953    |
| 1946.....         |            | 272,319    | 272,319    |
| <i>Total—</i>     |            |            |            |
| 1950.....         | 40,474,261 | 41,857,505 | 82,331,766 |
| 1949.....         | 39,405,768 | 37,330,643 | 76,736,411 |
| 1948.....         | 15,808,089 | 18,616,489 | 34,424,578 |
| 1947.....         | 14,773,401 | 14,748,562 | 29,521,963 |
| 1946.....         | 19,622,873 | 19,708,953 | 39,331,826 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$66,172. The major items were overhauling and repairs to marine legs, vessel shovel gear, lofters, scales, conveyors, inside electrical circuits, building structure, vessel spouts and piers.

## CAPITAL WORKS

Expenditure on capital account during the year amounted to \$120,283. The principal items were:

*Installation of Dust Control System.*—A contract was awarded in 1950 to the Day Company of Canada, Ltd., for the installation of a dust control system. This work consisted of the manufacture and installation of a complete dust control system, including electrical motors, switches, drives, etc. The work was approximately 65% completed at the end of the year.

*Installation of Fire Escape and Enclosure of Stairways.*—A contract was awarded in 1950 to Chas. Magee and Sons Ltd., for the installation of fire escapes and stairway enclosures. The work was completed during the year.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$588,357, as compared with \$485,718 in 1949. Operating and maintenance expenses were \$325,954, the corresponding figure for 1949 being \$293,881.

Net income surplus for 1950 was \$263,382, as against \$193,931 in the previous year, an increase of \$69,451. No charge is made in the accounts of this facility for interest (except a small amount on recent capital expenditures) or for depreciation of physical property.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|                                       |    |                   |                   |
|---------------------------------------|----|-------------------|-------------------|
| OPERATING REVENUES—                   |    |                   |                   |
| Elevation.....                        | \$ | 432,560 97        |                   |
| Storage.....                          |    | 154,011 29        |                   |
| Miscellaneous.....                    |    | 1,784 56          |                   |
|                                       |    | <u>588,356 82</u> |                   |
| OPERATING EXPENSES—                   |    |                   |                   |
| Administration.....                   |    | 35,815 76         |                   |
| Operation and Maintenance.....        |    | 290,137 93        |                   |
|                                       |    | <u>325,953 69</u> |                   |
| Operating Income.....                 |    |                   | 262,403 13        |
| MISCELLANEOUS INCOME CREDITS.....     |    |                   | 4,636 27          |
| Total Income.....                     |    |                   | <u>267,039 40</u> |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |                   |                   |
| Miscellaneous Income Charges.....     |    |                   | 3,418 26          |
|                                       |    |                   | <u>263,671 14</u> |
| OTHER INCOME REQUIREMENTS—            |    |                   |                   |
| Interest Due Government.....          |    |                   | 289 59            |
| Net Income Surplus.....               | \$ | <u>263,381 55</u> |                   |



## Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1950

## ASSETS

|   |            |
|---|------------|
| CURRENT—                                  |            |
| Cash on hand and on deposit with Receiver | 196,262 73 |
| General of Canada.....\$                  | 47,917 91  |
| Accounts Receivable.....                  | 78,966 55  |
| Stores on hand.....\$                     | 323,147 19 |

CONTRACTORS' SECURITY DEPOSITS.....

13,000 00

PREPAID EXPENSES.....

24 68

## FIXED—

|                                      |                     |
|--------------------------------------|---------------------|
| Real Estate.....                     | 21,875 80           |
| Wharves and Piers.....               | 533,644 00          |
| Railway System.....                  | 42,189 22           |
| Grain Elevator System.....           | 1,805,450 25        |
| Office Furniture and Appliances..... | 2,491 09            |
| Miscellaneous Small Plant.....       | 11,824 47           |
| Works under Construction.....        | 85,626 76           |
|                                      | <u>2,503,101 59</u> |

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

|                                 |                  |
|---------------------------------|------------------|
| CURRENT—                        |                  |
| Accounts Payable.....\$         | 40,383 71        |
| Salaries and Wages Payable..... | 3,032 19         |
|                                 | <u>43,415 90</u> |

CONTRACTORS' SECURITY DEPOSITS—CONTRA.....

13,000 00

CONTRACTORS' HOLDBACKS—CONSTRUCTION.....

8,495 05

64,910 95

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

|                             |                     |
|-----------------------------|---------------------|
| Loans and Advances—         |                     |
| Non-Interest Bearing.....\$ | 2,356,217 60        |
| Interest Bearing.....       | 88,086 54           |
| Accrued Interest.....       | 289 59              |
|                             | <u>2,444,593 73</u> |

## SURPLUS—

|                               |                   |
|-------------------------------|-------------------|
| As at January 1, 1950.....    | 260,318 00        |
| Profit on 1950 Operations.... | 263,381 55        |
|                               | <u>523,699 55</u> |

Payment to Government of 1949

Earnings.....

329,768 78

2,774,362 51

\$ 2,839,273 46

\$ 2,839,273 46

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the beginning of August to the middle of October. The facilities operated by the Board include 1,855 linear feet of wharf with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 2,500,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 20 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 36                      | 82,131                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |
| 1947.....          | 35                      | 68,361                       |
| 1946.....          | 21                      | 40,413                       |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 35                      | 82,077                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |
| 1947.....          | 35                      | 68,361                       |
| 1946.....          | 22                      | 40,510                       |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950                    |                              | 1949                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 20                      | 76,569                       | 16                      | 67,851                       |
| Coastal or inland commercial (including fishery)..... | 16                      | 5,562                        | 16                      | 4,306                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 36                      | 82,131                       | 32                      | 72,157                       |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 20                      | 76,569                       | 16                      | 67,851                       |
| Coastal or inland commercial (including fishery)..... | 15                      | 5,508                        | 16                      | 4,306                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 35                      | 82,077                       | 32                      | 72,157                       |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1950.....        | 3,350  | 203,032 | 206,382 |
| 1949.....        | 2,000  | 165,826 | 167,826 |
| 1948.....        | 949    | 158,760 | 159,709 |
| 1947.....        | 375    | 153,841 | 154,216 |
| 1946.....        | 37     | 91,641  | 91,678  |
| <i>Domestic—</i> |        |         |         |
| 1950.....        | 11     | 2,315   | 2,326   |
| 1949.....        | 66     | 2,432   | 2,498   |
| 1948.....        | 103    | 2,816   | 2,919   |
| 1947.....        | 50     | 1,994   | 2,044   |
| 1946.....        | 56     | 2,010   | 2,066   |
| <i>Total—</i>    |        |         |         |
| 1950.....        | 3,361  | 205,347 | 208,708 |
| 1949.....        | 2,066  | 168,258 | 170,324 |
| 1948.....        | 1,052  | 161,576 | 162,628 |
| 1947.....        | 425    | 155,835 | 156,260 |
| 1946.....        | 93     | 93,651  | 93,744  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1950, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1950.....         |           | 6,767,743 | 6,767,743  |
| 1949.....         |           | 5,527,535 | 5,527,535  |
| 1948.....         |           | 5,325,884 | 5,325,884  |
| 1947.....         |           | 4,975,754 | 4,975,754  |
| 1946.....         |           | 2,928,876 | 2,928,876  |
| <i>Via rail—</i>  |           |           |            |
| 1950.....         | 7,086,101 |           | 7,086,101  |
| 1949.....         | 5,553,069 |           | 5,553,069  |
| 1948.....         | 5,279,007 |           | 5,279,007  |
| 1947.....         | 5,042,709 |           | 5,042,709  |
| 1946.....         | 1,093,881 |           | 1,093,881  |
| <i>Via other—</i> |           |           |            |
| 1950.....         |           |           |            |
| 1949.....         |           |           |            |
| 1948.....         |           |           |            |
| 1947.....         |           |           |            |
| 1946.....         |           | 60        | 60         |
| <i>Total—</i>     |           |           |            |
| 1950.....         | 7,086,101 | 6,767,743 | 13,853,844 |
| 1949.....         | 5,553,069 | 5,527,535 | 11,080,604 |
| 1948.....         | 5,279,007 | 5,325,884 | 10,604,891 |
| 1947.....         | 5,042,709 | 4,975,754 | 10,018,463 |
| 1946.....         | 1,093,881 | 2,928,936 | 4,022,817  |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$218,229. The principal items were dredging along the wharf face and in turning basin and approach channel, erection of a new smokestack for the powerhouse and repairs to grain elevator, shore and floating equipment and water supply and reservoir system.

## CAPITAL WORKS

Capital expenditure during the year amounted to \$249,954. The principal items were:

*Purchase of a Steel Dump Scow.*—The 450 cubic yard dump scow purchased in 1949 was shipped, dismantled, to Churchill and was reassembled by the Board's forces in the spring of 1950. The scow was in service throughout the 1950 shipping season.

*Construction of Staff Building No. 1.*—Construction of staff building No. 1, started in 1949, was completed in 1950 and was occupied by Board forces during the latter part of 1950.

*Construction of Staff Building No. 2.*—A contract was awarded in May of 1950 to the Tower Company Limited for the construction of a staff building 184 feet by 25 feet of concrete block construction. Approximately 15 per cent of the work was completed at the end of the year.

*Minor Items.*—These included the purchase and installation in the powerhouse of a 200 K.W. diesel electric generator and the purchase of an Allis Chalmers caterpillar tractor.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$368,472, as compared with \$256,487 in 1949. Expenditures on operation and maintenance were \$556,659, as against \$339,944 in 1949. The increase in expenditures was mainly due to dredging of the berths and approach channel.

After taking into account income credits and debits, there was a net income deficit of \$194,390, as compared with a deficit of \$84,141 shown in 1949, no charge for depreciation having been made, or for interest, except a small amount on capital expended since the harbour was transferred to the Board for administration.

## HARBOUR OF CHURCHILL

65

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

## OPERATING REVENUES—

## Harbour General—

|                    |           |          |
|--------------------|-----------|----------|
| Harbour Dues.....  | \$ 151 50 |          |
| Miscellaneous..... | 2,200 00  |          |
|                    | <u>\$</u> | 2,351 50 |

## Wharves and Piers—

|                   |          |          |
|-------------------|----------|----------|
| Top Wharfage..... | 1,690 17 |          |
| Dockage.....      | 2,300 00 |          |
|                   | <u></u>  | 3,990 17 |

## Permanent Sheds—

|                    |           |           |
|--------------------|-----------|-----------|
| Storage.....       | 10,400 00 |           |
| Miscellaneous..... | 1,060 90  |           |
|                    | <u></u>   | 11,460 90 |

## Grain Elevator System—

|                    |            |            |
|--------------------|------------|------------|
| Elevation.....     | 137,678 77 |            |
| Miscellaneous..... | 114,592 75 |            |
|                    | <u></u>    | 252,271 52 |

|                                       |           |            |
|---------------------------------------|-----------|------------|
| Miscellaneous Services—Outsiders..... | 98,397 60 |            |
|                                       | <u>\$</u> | 368,471 69 |

## OPERATING EXPENSES—

|                     |           |  |
|---------------------|-----------|--|
| Administration..... | 50,801 23 |  |
|---------------------|-----------|--|

## Operation and Maintenance—

|                                       |            |                |
|---------------------------------------|------------|----------------|
| Harbour Dredging.....                 | 161,806 84 |                |
| Harbour General.....                  | 27,542 34  |                |
| Roads, Fences and Boundaries.....     | 9,072 46   |                |
| Wharves and Piers.....                | 16,546 15  |                |
| Permanent Sheds.....                  | 1,744 61   |                |
| Grain Elevator System.....            | 200,180 98 |                |
| Miscellaneous Services—Outsiders..... | 88,964 19  |                |
|                                       | <u></u>    | 505,857 57     |
|                                       |            | <u>556,658</u> |

|                        |            |
|------------------------|------------|
| Operating Deficit..... | 188,172 11 |
|------------------------|------------|

|   |       |
|---|-------|
| MISCELLANEOUS INCOME CREDITS (net)..... | 14 80 |
|---|-------|

188,172 31

## OTHER INCOME REQUIREMENTS—

|                              |          |
|------------------------------|----------|
| Interest Due Government..... | 6,218 04 |
|------------------------------|----------|

|                         |                      |
|-------------------------|----------------------|
| Net Income Deficit..... | <u>\$ 194,390 35</u> |
|-------------------------|----------------------|





## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific and Great Northern railways, which have connections, either direct or over the terminal railway operated by the Board, to all docks on the north and south sides of the harbour. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet. The Board has 3 piers, a wharf and two jetties, having about 9,500 linear feet of berthing and 6 transit sheds with an aggregate floor area of about 567,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are provided storage tanks with a capacity of over 470,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and a special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe pier.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1950.....          | 29,551                  | 15,061,377                   |
| 1949.....          | 28,482                  | 13,820,239                   |
| 1948.....          | 28,947                  | 13,645,274                   |
| 1947.....          | 28,946                  | 13,353,027                   |
| 1946.....          | 26,571                  | 11,318,914                   |
| <i>Departures—</i> |                         |                              |
| 1950.....          | 29,560                  | 15,067,357                   |
| 1949.....          | 28,406                  | 13,834,872                   |
| 1948.....          | 28,528                  | 13,621,026                   |
| 1947.....          | 28,765                  | 13,406,361                   |
| 1946.....          | 26,689                  | 11,340,763                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1950, with comparison for 1949.

|   | 1950              |                        | 1949              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....             | 1,154             | 4,908,748              | 1,052             | 4,410,998              |
| Coastal or inland commercial (including fishery) .. | 28,397            | 10,152,629             | 27,430            | 9,409,241              |
| Other .....   |                   |                        |                   |                        |
| Total .....   | 29,551            | 15,061,377             | 28,482            | 13,820,239             |
| <i>Departures—</i>                                  |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....             | 1,152             | 4,903,347              | 1,058             | 4,427,280              |
| Coastal or inland commercial (including fishery) .. | 28,408            | 10,164,010             | 27,348            | 9,407,592              |
| Other .....   |                   |                        |                   |                        |
| Total .....   | 29,560            | 15,067,357             | 28,406            | 13,834,872             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1950 .....       | 2,878,318 | 2,388,337 | 5,266,655  |
| 1949 .....       | 2,156,441 | 2,796,757 | 4,953,198  |
| 1948 .....       | 2,307,240 | 2,031,878 | 4,339,118  |
| 1947 .....       | 2,154,984 | 2,329,496 | 4,484,480  |
| 1946 .....       | 1,715,490 | 2,519,447 | 4,234,937  |
| <i>Domestic—</i> |           |           |            |
| 1950 .....       | 3,212,342 | 1,577,956 | 4,790,298  |
| 1949 .....       | 2,945,234 | 1,484,791 | 4,430,025  |
| 1948 .....       | 3,123,343 | 1,499,948 | 4,623,291  |
| 1947 .....       | 2,949,213 | 1,527,237 | 4,476,450  |
| 1946 .....       | 2,663,773 | 1,345,871 | 4,009,644  |
| <i>Total—</i>    |           |           |            |
| 1950 .....       | 6,090,660 | 3,966,293 | 10,056,953 |
| 1949 .....       | 5,101,675 | 4,281,548 | 9,383,223  |
| 1948 .....       | 5,430,583 | 3,531,826 | 8,962,409  |
| 1947 .....       | 5,104,197 | 3,856,733 | 8,960,930  |
| 1946 .....       | 4,379,263 | 3,865,318 | 8,244,581  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1950, with comparison for 1949.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1950 | Outward<br>1950 | Total<br>1950 | Total<br>1949 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  |                | 1,499,545       | 1,499,545     | 2,113,348     |
| Petroleum Oil, crude.....   | 1,220,065      |                 | 1,220,065     | 1,116,881     |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....   | 1,086,858      | 95,019          | 1,181,877     | 1,231,512     |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 503,499        | 482,795         | 986,294       | 797,627       |
| Petroleum Oil, fuel.....  | 522,465        | 300,428         | 822,893       | 638,638       |
| Sand and Gravel.....  | 484,042        | 21,423          | 505,465       | 497,225       |
| Gasoline.....   | 210,128        | 167,027         | 377,155       | 368,378       |
| Coal, bituminous.....   | 222,721        | 35,191          | 257,912       | 224,937       |
| Motor Vehicles and Parts.....   | 224,189        | 13,071          | 237,260       | 82,085        |
| Flour, wheat.....   | 29             | 235,581         | 235,610       | 168,341       |
| Wood-pulp.....  | 152,545        | 10,660          | 163,205       | 96,724        |
| Cement, common or portland.....   | 130,838        | 10,600          | 141,438       | 146,709       |
| Kerosene.....   | 82,039         | 40,809          | 122,848       | 91,688        |
| Paper, newsprint.....   | 114,440        | 7,083           | 121,523       | 139,929       |
| Hog Fuel.....   |                | 109,338         | 109,338       | 82,100        |
| Sugar, raw.....   | 104,480        |                 | 104,480       | 82,108        |
| Rock and Stone.....   | 8,248          | 90,568          | 98,816        | 77,282        |
| Ores and Concentrates not otherwise specified.....  | 79,401         | 5,541           | 84,942        | 32,006        |
| Paper, not otherwise specified.....   | 55,433         | 13,962          | 69,395        | 63,805        |
| Fish (including Shell-fish), canned or preserved.....   | 22,611         | 23,612          | 46,223        | 50,195        |
| Iron or Steel Bands, Bars not otherwise specified,<br>Hoops, Plates, Rods, Sheets, Skelp, Strip and<br>Tin Plate..... | 40,161         | 881             | 41,042        | 11,575        |
| Iron or Steel Tubes, Pipe and Fittings.....   | 34,839         | 1,311           | 36,150        | 12,545        |
| Beverages, alcoholic.....   | 13,562         | 19,664          | 33,226        | 31,488        |
| Lime.....   | 31,124         | 735             | 31,859        | 30,600        |
| Fertilizers and Fertilizer Materials.....   | 17,245         | 14,109          | 31,354        | 37,863        |
| Iron or Steel Rails and Fastenings.....   | 17,345         | 12,756          | 30,101        | 105           |
| Fish (including Shell-fish), fresh or frozen.....   | 29,514         | 389             | 29,903        | 29,864        |
| Petroleum Oil, refined, not otherwise specified.....  | 9,647          | 16,509          | 26,156        | 21,117        |
| Chemicals not otherwise specified.....  | 15,140         | 8,860           | 24,000        | 15,505        |
| Copra.....  | 23,505         |                 | 23,505        | 28,374        |
| Apples.....   |                | 22,366          | 22,366        | 1,688         |
| Grain Products (Mill Products except Wheat Flour)..<br>Chrome Ore.....  | 26             | 22,081          | 22,107        | 15,484        |
| Creosote Oil.....   | 21,824         |                 | 21,824        |               |
| Machinery and parts (except agricultural).....  | 19,138         | 2,022           | 21,160        | 4,846         |
| Salt.....   | 7,061          | 11,863          | 18,924        | 20,040        |
| Wool, unmanufactured, and Wool Yarns.....   | 10,149         | 6,752           | 16,901        | 12,767        |
| Fish Oils.....  | 13,274         | 2,737           | 16,011        | 7,606         |
| Nuts.....   | 10,340         | 5,293           | 15,633        | 11,710        |
| Sulphur.....  | 15,330         | 32              | 15,362        | 7,420         |
| Coffee Beans and Coffee Preparations.....   | 8,398          | 5,411           | 13,809        | 11,439        |
| Glass and Glass Manufactures.....   | 12,895         | 477             | 13,372        | 15,069        |
| Chinaaware, Earthenware and Porcelainware.....  | 11,858         | 208             | 12,066        | 9,357         |
| Iron or Steel, structural.....  | 10,597         | 860             | 11,457        | 8,512         |
| Containers, returned empty.....   | 9,293          | 1,912           | 11,205        | 5,274         |
| Fruits, canned or preserved.....  | 7,509          | 2,838           | 10,347        | 8,297         |
| All Goods not otherwise specified.....  | 9,652          | 382             | 10,034        | 6,206         |
|   | 467,203        | 643,592         | 1,110,795     | 916,954       |
| Total.....  | 6,090,660      | 3,966,293       | 10,056,953    | 9,383,223     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1950, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1950.....         | 3,143   | 3,116    | 6,259     |
| 1949.....         | 2,933   | 3,573    | 6,506     |
| 1948.....         | 2,035   | 2,014    | 4,049     |
| 1947.....         | 625     | 494      | 1,119     |
| 1946.....         | 844     | 5,404    | 6,248     |
| <i>Coastwise—</i> |         |          |           |
| 1950.....         | 740,056 | 766,001  | 1,506,057 |
| 1949.....         | 778,194 | 816,534  | 1,594,728 |
| 1948.....         | 852,277 | 874,818  | 1,727,095 |
| 1947.....         | 911,367 | 943,928  | 1,855,295 |
| 1946.....         | 942,297 | 955,383  | 1,897,680 |
| <i>Total—</i>     |         |          |           |
| 1950.....         | 743,199 | 769,117  | 1,512,316 |
| 1949.....         | 781,127 | 820,107  | 1,601,234 |
| 1948.....         | 854,312 | 876,832  | 1,731,144 |
| 1947.....         | 911,992 | 944,422  | 1,856,414 |
| 1946.....         | 943,141 | 960,787  | 1,903,928 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1950, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1950.....         |            | 50,510,442 | 50,510,442  |
| 1949.....         |            | 70,294,213 | 70,294,213  |
| 1948.....         |            | 37,396,332 | 37,396,332  |
| 1947.....         |            | 46,892,430 | 46,892,430  |
| 1946.....         | 86,016     | 57,629,111 | 57,715,127  |
| <i>Via rail—</i>  |            |            |             |
| 1950.....         | 50,377,179 | 2,779,745  | 53,156,924  |
| 1949.....         | 80,320,222 | 5,945,724  | 86,265,946  |
| 1948.....         | 41,730,467 | 4,979,498  | 46,709,965  |
| 1947.....         | 53,309,338 | 6,841,072  | 60,150,410  |
| 1946.....         | 62,308,200 | 8,368,282  | 70,676,482  |
| <i>Via other—</i> |            |            |             |
| 1950.....         | 8,671      | 268,684    | 277,355     |
| 1949.....         | 8,790      | 151,156    | 159,946     |
| 1948.....         | 6,622      |            | 6,622       |
| 1947.....         | 14,563     |            | 14,563      |
| 1946.....         | 2,290      |            | 2,290       |
| <i>Total—</i>     |            |            |             |
| 1950.....         | 50,385,850 | 53,558,871 | 103,944,721 |
| 1949.....         | 80,329,012 | 76,391,093 | 156,720,105 |
| 1948.....         | 41,737,089 | 42,375,830 | 84,112,919  |
| 1947.....         | 53,323,901 | 53,733,502 | 107,057,403 |
| 1946.....         | 62,396,506 | 65,997,393 | 128,393,899 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1950, with comparison for 1949.

|  | 1950   | 1949   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 9,605  | 11,889 |
| Non-revenue cars.....  | 10,736 | 7,658  |
| Total.....   | 20,341 | 19,547 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 9,715  | 6,937  |
| Non-revenue cars.....  | 10,083 | 12,516 |
| Total.....   | 19,798 | 19,453 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  | 21,513 | 20,926 |
| Non-revenue cars.....  | 21,024 | 20,793 |
| Total.....   | 42,537 | 41,719 |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 1,247  | 1,143  |
| Non-revenue cars.....  | 541    | 119    |
| Total.....   | 1,788  | 1,262  |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 42,080 | 40,895 |
| Non-revenue cars.....  | 42,384 | 41,086 |
| Total.....   | 84,464 | 81,981 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$251,507, excluding maintenance of Second Narrows Bridge, on which \$19,848 was expended. The principal items were re-roofing of the cold storage plant and galleries, dredging berths and dolphin renewals at No. 3 jetty; renewal north-east corner bumper, Ballantyne pier; installation of guard rail, Lapointe pier; rebuilding cranes and installation of steel running plates at Fisherman's wharf; renewal of fender piles at West Indies wharf and replacement of a portion of water main on Granville island.

## CAPITAL WORKS

Capital expenditure, part of which was provided from replacement fund, amounted to \$94,421. The principal items were: Replacement in concrete of the remaining portion of the depressed track bulkhead at Lapointe pier; paving the open area on the north end of Lapointe pier; renewal of the superstructure and fender system outer end of Dunlevy avenue wharf and renewal of the Heatley avenue tugboat wharf; all of which were completed during the year.

## REVENUES AND EXPENDITURES

Operating revenues were \$2,985,966, as compared with \$2,260,677 in 1949, an increase of \$725,289. Operating and maintenance expenses showed an increase of \$385,331, the comparable figures being \$1,594,581 in 1950 and \$1,209,250 in 1949.

After taking into account income debits and credits and making provision for replacements and interest due the Government, there was a net income surplus of \$469,168, as compared with \$122,057 in 1949.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

## OPERATING REVENUES—

## Harbour General—

|                    |               |                 |
|--------------------|---------------|-----------------|
| Harbour Dues.....  | \$ 130,091 40 |                 |
| Cargo Rates.....   | 779,627 25    |                 |
| Miscellaneous..... | 221,069 67    |                 |
| Handling.....      | 621,534 48    |                 |
|                    |               | \$ 1,752,322 80 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 319,261 10 |            |
| Dockage.....       | 108,231 00 |            |
| Miscellaneous..... | 15,921 36  |            |
|                    |            | 443,413 46 |

## Permanent Sheds—

|                    |           |            |
|--------------------|-----------|------------|
| Shed Rentals.....  | 24,446 40 |            |
| Storage.....       | 45,246 54 |            |
| Miscellaneous..... | 43,490 47 |            |
|                    |           | 113,183 41 |

|                     |  |            |
|---------------------|--|------------|
| Railway System..... |  | 285,101 34 |
|---------------------|--|------------|

## Grain Elevator System—

|              |  |            |
|--------------|--|------------|
| Rentals..... |  | 294,547 48 |
|--------------|--|------------|

## Cold Storage System—

|                    |           |           |
|--------------------|-----------|-----------|
| Storage.....       | 2,292 00  |           |
| Miscellaneous..... | 30,342 40 |           |
|                    |           | 32,634 40 |

|                                       |  |                 |
|---------------------------------------|--|-----------------|
| Miscellaneous Services—Outsiders..... |  | 64,763 46       |
|                                       |  | \$ 2,985,966 35 |

## OPERATING EXPENSES—

|                     |  |            |
|---------------------|--|------------|
| Administration..... |  | 167,435 31 |
|---------------------|--|------------|

## Operation and Maintenance—

|                                       |            |              |
|---------------------------------------|------------|--------------|
| Harbour Dredging.....                 | 6,276 74   |              |
| Harbour General.....                  | 655,366 38 |              |
| Roads, Fences and Boundaries.....     | 832 12     |              |
| Wharves and Piers.....                | 135,695 78 |              |
| Permanent Sheds.....                  | 157,174 37 |              |
| Shed Hoists.....                      | 1,847 98   |              |
| Railway System.....                   | 318,921 34 |              |
| Grain Elevator System.....            | 69,889 90  |              |
| Cold Storage System.....              | 29,885 91  |              |
| Miscellaneous Services—Outsiders..... | 51,254 68  |              |
|                                       |            | 1,427,145 20 |

1,594,580 51

|                       |  |              |
|-----------------------|--|--------------|
| Operating Income..... |  | 1,391,385 84 |
|-----------------------|--|--------------|

|  |            |  |
|--|------------|--|
| INCOME RECEIVED FROM INVESTMENT AND RESERVE FUNDS..... | 221,018 00 |  |
|--|------------|--|

|                                   |           |            |
|-----------------------------------|-----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 10,272 56 |            |
|                                   |           | 231,290 56 |

|                   |  |              |
|-------------------|--|--------------|
| Total Income..... |  | 1,622,676 40 |
|-------------------|--|--------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |            |            |
|---|------------|------------|
| Income Received from Reserve Funds transferred to Reserves..... | 219,892 76 |            |
| Reserve for Bad Debts.....                                      | 6,661 93   |            |
| Miscellaneous Income Charges.....                               | 1,990 00   |            |
|   |            | 228,544 69 |

1,394,131 71

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 250,000 00 |            |
| Interest Due Government.....  | 674,964 10 |            |
|                               |            | 924,964 10 |

|                         |    |            |
|-------------------------|----|------------|
| Net Income Surplus..... | \$ | 469,167 61 |
|-------------------------|----|------------|



# Harbour of Vancouver

## BALANCE SHEET AS AT DECEMBER 31, 1950

### ASSETS

|  |                 |
|--|-----------------|
| <b>CURRENT—</b>  |                 |
| Cash on hand and on deposit with Receiver General of Canada..... | 466,024 71      |
| Accounts Receivable.....   | \$ 408,272 26   |
| Less: Reserve for Bad Debts....                                  | 20,570 80       |
| Advances Due on Capital Account.....                             | 387,701 46      |
| Stores On Hand.....  | 3,464 34        |
| Accrued Revenue.....   | 81,890 34       |
|  | 18,221 70       |
|  | <u>\$</u>       |
| <b>INVESTMENTS</b> .....   | 957,302 55      |
| <b>SECURITY DEPOSITS—</b>  | 44,769 60       |
| <b>RESERVE FUNDS—</b>  | 32,013 34       |
| Replacement Fund.....  |                 |
| Fire and General Insurance Fund.....                             | 7,417,624 01    |
| Miscellaneous Funds.....   | 105,143 08      |
|  | 47,806 42       |
|  | <u></u>         |
| <b>PREPAID CHARGES</b> .....                                     | 7,570,573 51    |
| <b>DEFERRED DEBITS</b> .....                                     | 2,171 60        |
|  | 9,750 57        |
| <b>FIXED—</b>  |                 |
| Harbour Dredging.....  | 2,237 34        |
| Real Estate.....   | 6,634,452 82    |
| Vehicle Bridges.....   | 98,181 20       |
| Roads, Fences and Boundaries.....                                | 284,491 77      |
| Miscellaneous Structures.....                                    | 18,644 82       |
| Wharves and Piers.....   | 8,136,836 58    |
| Permanent Sheds.....   | 1,478,178 16    |
| Railway System.....  | 1,383,311 52    |
| Grain Elevator System.....                                       | 6,583,158 62    |
| Cold Storage System.....   | 95,279 68       |
| Office Furniture and Appliances.....                             | 37,549 69       |
| Harbour Buildings.....   | 58,443 04       |
| Water Supply System.....   | 4,249 28        |
| Floating Equipment.....  | 27,692 44       |
| Shore Equipment.....   | 277,533 81      |
| Miscellaneous Small Plant.....                                   | 50,533 62       |
| Engineering—General Surveys.....                                 | 3,084 59        |
| Works under Construction.....                                    | 9,529 12        |
|  | <u></u>         |
|  | 25,183,388 10   |
|  | <u></u>         |
|  | \$33,799,969 27 |

### LIABILITIES AND PROPRIETARY EQUITY

#### LIABILITIES

|   |               |
|---|---------------|
| <b>CURRENT—</b>                                     |               |
| Accounts Payable.....                               | \$ 341,974 83 |
| Salaries and Wages Payable.....                     | 10,588 52     |
| Other Current Liabilities.....                      | 3,207 59      |
|   | <u>\$</u>     |
|   | 355,770 94    |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.</b> ..... | 32,013 34     |
| <b>DEFERRED REVENUE AND SUSPENSE ACCOUNT.</b> ..... | 129,178 08    |
|   | <u></u>       |
|   | 516,962 36    |
| <b>PROPRIETARY EQUITY</b>                           |               |
| <b>GOVERNMENT OF CANADA—</b>                        |               |
| Loans and Advances—                                 |               |
| Non-Interest Bearing.....                           | \$ 5,701 68   |
| Interest Bearing.....                               | 24,600,281 39 |
| Accrued Interest.....                               | 243,628 05    |
|   | <u></u>       |
|   | 24,849,611 12 |
| <b>Reserves for—</b>                                |               |
| Replacement.....                                    | 7,417,635 60  |
| Fire and General.....                               | 105,143 08    |
| Miscellaneous.....                                  | 11,566 77     |
|   | <u></u>       |
|   | 7,534,345 45  |
|   | <u></u>       |
|   | 32,383,956 57 |
| <b>Surplus—</b>                                     |               |
| As at January 1, 1950.....                          | 429,882 73    |
| Profit on 1950 Operations....                       | 469,167 61    |
|   | <u></u>       |
|   | 899,050 34    |
|   | <u></u>       |
|   | 33,283,006 91 |

\$33,799,969 27

## SECOND NARROWS BRIDGE—VANCOUVER

## TRAFFIC

Statement showing classification of revenue passages via Second Narrows Bridge during calendar year 1950, with comparison for 1949.

|   | 1950      | 1949      |
|---|-----------|-----------|
| Passengers in vehicles and Pedestrians..... | 3,263,178 | 3,115,784 |
| Automobiles (Passenger).....                | 1,235,453 | 1,047,783 |
| Trucks, including Buses.....                | 431,854   | 398,484   |
| All others.....                             | 2,099     | 2,377     |

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$283,319, as compared with \$269,012 in 1949, an increase of \$14,307. Operating and maintenance expenses increased slightly, the comparable figures being \$92,908 for 1950 and \$89,081 for 1949.

After charging interest on debt to Vancouver harbour, the bridge showed a surplus for the year of \$189,907, as compared with \$174,017 in 1949.

During the month of May the balance due the Board on the cost of bridge reconstruction—\$45,848 and accrued interest—was transferred from surplus earnings and Montreal Trust Company, trustee for bridge bondholders, was notified that the indebtedness had been paid in full from earnings. Exercise of the option to re-possess the bridge, however, was not made immediately, as it suited the convenience of the North Vancouver municipalities concerned to defer such action and the Board was prepared to meet their wishes in this respect. Subsequently, March 31, 1951, was fixed as the transfer date. Profits accumulated from the operation of the bridge in the meantime will then be paid to the trustee and the Board's responsibilities in connection with this facility will have been discharged.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1950

|  |               |               |
|--|---------------|---------------|
| OPERATING REVENUES—  |               |               |
| Bridge Tolls.....  | \$ 279,858 48 |               |
| Sundry Receipts.....   | 3,460 69      |               |
|  |               | \$ 283,319 17 |
| OPERATING EXPENSES—  |               |               |
| Administration.....  | 6,318 52      |               |
| Operation.....   | 66,741 61     |               |
| Maintenance.....   | 19,847 90     |               |
|  |               | 92,908 03     |
| Operating Income.....  |               | 190,411 14    |
| INTEREST ON DEBT TO VANCOUVER HARBOUR.....                             |               | 504 33        |
| Operating Surplus (Before providing for instalments of principal)..... | \$            | 189,906 81    |

## Second Narrows Bridge—Vancouver

## BALANCE SHEET AS AT DECEMBER 31, 1950

| ASSETS   |                 | LIABILITIES   |                 |
|--|-----------------|---|-----------------|
| CURRENT—   |                 | CURRENT—  |                 |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 144,571 54   | Montreal Trust Co. (Trustee).....                                     | \$ 148,949 82   |
| Accounts Receivable.....   | 900 87          | Accounts Payable.....   | 86 46           |
| Accrued Revenue.....   | 864 45          | Ticket Liability.....   | 4,648 97        |
|  |                 |   | \$ 153,685 25   |
|  |                 | DEFERRED REVENUE.....   | 8 33            |
|  | \$ 146,336 86   |   | 153,693 58      |
| PREPAID EXPENSES.....  | 6,865 44        | SURPLUS ACCOUNT (Representing Payment of Principal out of Income)—    |                 |
|  |                 | Balance as at January 1, 1950.....                                    | 964,559 69      |
| FIXED—   |                 | Add—  |                 |
| Capital Cost Reconstruction of Bridge.....                       | 1,010,407 80    | Balance 1949 operating surplus applied to repayment of principal..... | 4,891 12        |
| Office Furniture and Appliances.....                             | 491 23          | Part of 1950 operating surplus applied to repayment of principal..... | 40,956 99       |
|  |                 | Representing repayment of principal out of income.....                | 1,010,407 80    |
|  | \$ 1,164,101 38 |   | \$ 1,164,101 38 |

This Balance Sheet is drawn up so as to reflect the terms of an agreement dated July 12, 1933, between Montreal Trust Co. and Vancouver Harbour Commissioners and also supplemental agreement dated January 16, 1948, between the same parties.



## HEAD OFFICE, OTTAWA

Statement of revenues and expenditures and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the Board and the amount borne by each is included in the respective expenditure statements.

### REVENUE AND EXPENDITURE STATEMENT FOR THE CALENDAR YEAR 1950

|                            |    |                   |
|----------------------------|----|-------------------|
| REVENUE—                   |    |                   |
| Assessments.....           | \$ | 173,055 77        |
| EXPENDITURE—               |    |                   |
| Salaries.....              | \$ | 121,822 30        |
| Travelling Expenses.....   |    | 8,830 01          |
| Advertising.....           |    | 2,301 47          |
| Office Expenses.....       |    | 19,167 81         |
| Treasury Office—           |    |                   |
| Salaries and Expenses..... |    | 20,934 18         |
|                            | \$ | <u>173,055 77</u> |

# Head Office, Ottawa

## BALANCE SHEET AS AT DECEMBER 31, 1950

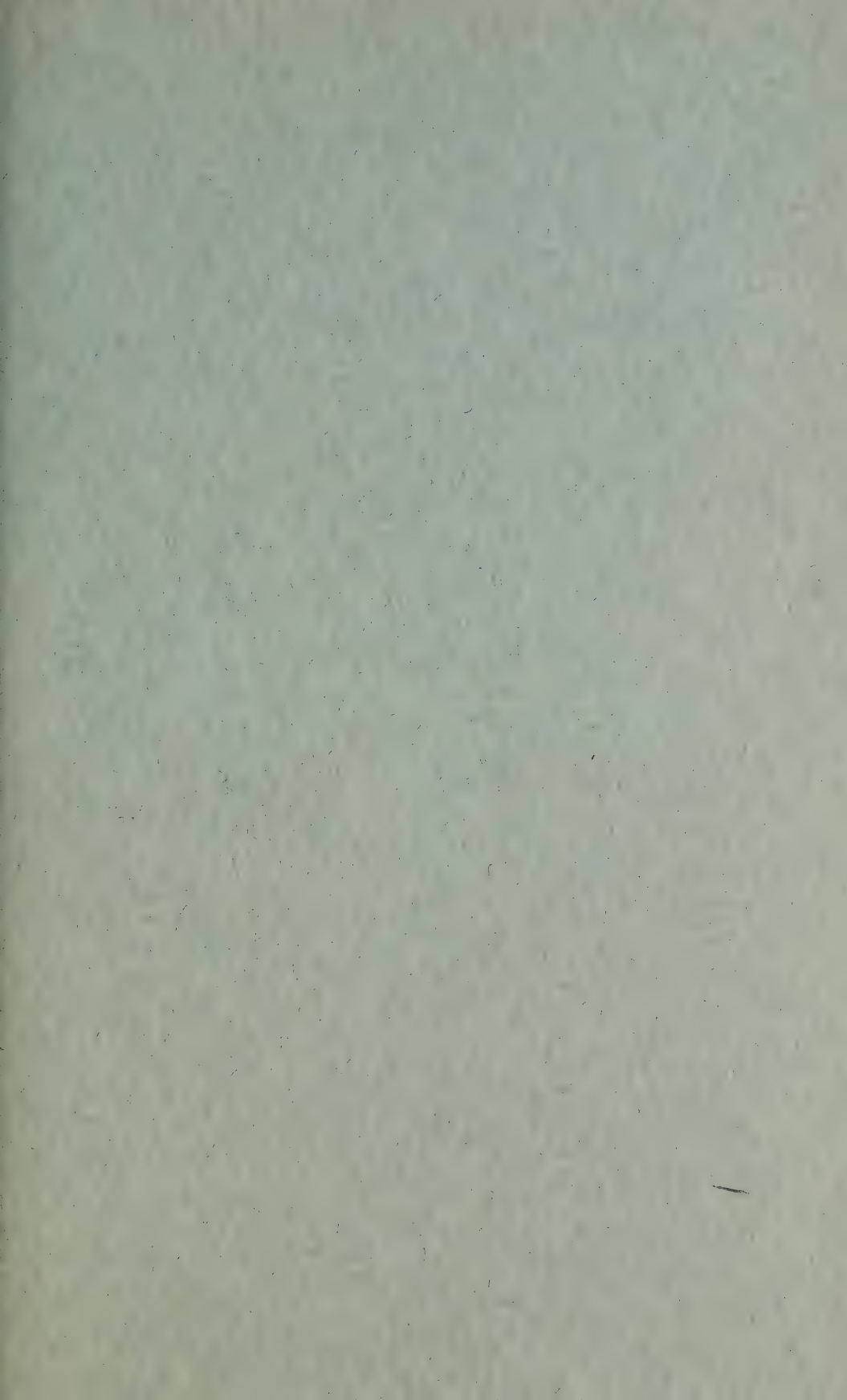
| ASSETS   |               | LIABILITIES AND PROPRIETARY EQUITY       |                 |
|--|---------------|--|-----------------|
| CURRENT—   |               | CURRENT—                                 |                 |
| Cash on hand and on deposit with Receiver General of Canada. | \$ 759 90     | Accounts Payable.                        | \$ 759 90       |
| GENERAL WORKMEN'S COMPENSATION FUND—                         |               | PENSION ACCOUNTS—                        |                 |
| Cash and Securities.   | \$ 541,193 22 | Reserve.                                 | \$ 3,850,070 18 |
| Accounts Receivable.   | 7,492 49      | Accounts Payable.                        | 3 23            |
|  |               |  | 3,850,073 41    |
| PENSION FUND—  |               | PROPRIETARY EQUITY                       |                 |
| Cash—Receiver General of Canada.                             | 3,849,654 84  |  | 3,850,833 31    |
| Accounts Receivable.   | 418 57        |  |                 |
|  | 3,850,073 41  |  |                 |
| FIXED—   |               | GOVERNMENT OF CANADA—                    |                 |
| Office Furniture and Appliances.                             | 3,526 77      | Surplus as at January 1, 1950.           | 3,511 59        |
|  |               | Adjustments in 1950.                     | 15 18           |
|  |               |  | 3,526 77        |
|  |               | General Workmen's Compensation Accounts— |                 |
|  |               | Reserve.                                 | \$ 545,149 28   |
|  |               | Accounts Payable.                        | 3,536 43        |
|  |               |  | 548,685 71      |
|  |               |  | 552,212 48      |
|  |               |  | \$ 4,403,045 79 |















Doc  
Can  
N

1 T 66

- A56

Canada National Harbours Board

167

# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

# 1951



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1952

Price, 25 cents



ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year

1951



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1952



# NATIONAL HARBOURS BOARD

R. K. Smith, Q.C.....Chairman.

\* ..... Vice-Chairman.

B. J. Roberts, C.B.E.....Member.

C. P. Buckley.....Secretary.

T. M. Bryson, M.B.E.....Assistant Secretary.

L. R. Stratton, M.E.I.C.....Chief Engineer.

W. C. Perron.....Traffic Officer.

Halifax.....R. W. Hendry, M.B.E.....Port Manager.

Saint John.....Russell Yuill, M.B.E., M.E.I.C.....Port Manager.

Chicoutimi.....Albert Maltais.....Port Manager.

Quebec.....Louis Beaudry, M.E.I.C.....Port Manager and  
Chief Engineer.

Three Rivers.....Henri Gauthier.....Port Manager.

Montreal.....A. G. Murphy, M.E.I.C.....Port Manager.

Prescott.....Alex. Ross.....Superintendent.

Port Colborne.....C. A. Bennett.....Superintendent.

Churchill.....W. N. Twolan.....Port Manager.

Vancouver.....A. E. McMaster, O.B.E.....Port Manager.

\* Position vacant.

## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Consolidated Income Statement.....   | 15   |
| Consolidated Balance Sheet.....      | 16   |
| Harbour of Halifax.....              | 18   |
| Harbour of Saint John.....           | 24   |
| Harbour of Chicoutimi.....           | 29   |
| Harbour of Quebec.....               | 34   |
| Harbour of Three Rivers.....         | 40   |
| Harbour of Montreal.....             | 45   |
| Jacques Cartier Bridge.....          | 53   |
| Prescott Elevator.....               | 55   |
| Port Colborne Elevator.....          | 58   |
| Harbour of Churchill.....            | 61   |
| Harbour of Vancouver.....            | 66   |
| Second Narrows Bridge.....           | 73   |
| Head Office, Ottawa.....             | 74   |



## NATIONAL HARBOURS BOARD

OTTAWA, March 6, 1952.

To the Honourable LIONEL CHEVRIER, Q.C., M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of The National Harbours Board Act, we have the honour to submit the sixteenth annual report of the National Harbours Board, covering the operations for the calendar year 1951, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver and the Government grain elevators at Prescott and Port Colborne.

### SHIPPING

Vessel arrivals in 1951 numbered 47,748, the aggregate net registered tonnage being 39,076,553. The comparable figures for 1950 were 46,154 vessels, aggregating 37,115,589 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

#### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 47,748                  | 39,076,553                   |
| 1950.....          | 46,154                  | 37,115,589                   |
| 1949.....          | 44,067                  | 34,723,963                   |
| 1948.....          | 43,627                  | 33,006,672                   |
| 1947.....          | 42,876                  | 29,856,603                   |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 47,653                  | 39,256,626                   |
| 1950.....          | 46,176                  | 37,161,450                   |
| 1949.....          | 43,958                  | 34,738,922                   |
| 1948.....          | 43,175                  | 33,002,902                   |
| 1947.....          | 42,692                  | 29,986,725                   |

(Exclusive of Naval Vessels.)

### CARGO TONNAGE

The aggregate cargo tonnage in 1951 at harbours administered by the Board was 38,813,806, as compared with 36,615,483 in 1950. The increase over the previous year was 2,198,323 tons, or 6%. Grain showed the largest increase, being 1,700,000 tons more than in 1950. Other commodities showing larger tonnages were gasoline, pulpwood, wood-pulp, iron and steel, wheat flour, fuel oil and newsprint. On the other hand, crude petroleum showed a reduction of over 1,100,000 tons, reflecting increased movement of this commodity by pipeline. Other commodities moving in substantially lower volume than in 1950 were: coal, motor vehicles and parts, raw sugar, fertilizers and kerosene.

Foreign inward traffic decreased 1,787,485 tons, or 15%, and foreign outward traffic increased 2,760,655 tons, or 33%. Domestic traffic, inward and outward, was greater by 1,225,153 tons than in 1950.



The following statement summarizes the volume of water-borne cargo tonnage in 1951 and the four previous years:

### CARGO TONNAGE—SUMMARY

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1951.....        | 10,481,957 | 11,178,577 | 21,660,534 |
| 1950.....        | 12,269,442 | 8,417,922  | 20,687,364 |
| 1949.....        | 8,966,194  | 10,054,211 | 19,020,405 |
| 1948.....        | 9,412,452  | 9,418,245  | 18,830,697 |
| 1947.....        | 8,367,607  | 11,295,790 | 19,663,397 |
| <i>Domestic—</i> |            |            |            |
| 1951.....        | 10,455,728 | 6,697,544  | 17,153,272 |
| 1950.....        | 9,939,999  | 5,988,120  | 15,928,119 |
| 1949.....        | 9,731,343  | 4,962,048  | 14,693,391 |
| 1948.....        | 8,834,079  | 4,118,810  | 12,952,889 |
| 1947.....        | 7,561,578  | 3,938,832  | 11,500,410 |
| <i>Total—</i>    |            |            |            |
| 1951.....        | 20,937,685 | 17,876,121 | 38,813,806 |
| 1950.....        | 22,209,441 | 14,406,042 | 36,615,483 |
| 1949.....        | 18,697,537 | 15,016,259 | 33,713,796 |
| 1948.....        | 18,246,531 | 13,537,055 | 31,783,586 |
| 1947.....        | 15,929,185 | 15,234,622 | 31,163,807 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## REVENUES AND EXPENDITURES

### OPERATING REVENUES

Aggregate operating revenues reached the record figure of \$17,375,060, as compared with \$15,165,345 in 1950. The increase was \$2,209,715, or 15 per cent. This substantial increase in revenues arose, in part, from a greater volume of traffic and, in part, from the upward revision of certain harbour charges. The major proportion of the gain in revenues was derived from wharves and piers, grain elevators and terminal railways, but all other chief sources of income showed advances over 1950.

### OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1951 were \$9,997,567, as against \$8,675,006 reported for 1950, an increase of \$1,322,561, or 15 per cent. A considerable part of this increase was due to the greater quantity of grain handled through the various elevators. Cost of maintenance of properties rose from \$2,192,000 in 1950 to \$2,448,000 in 1951. Operating expenses for 1951 also increased as a result of charging upwards of \$300,000 for grants which the Board is to make annually to municipalities in respect of services rendered to harbour properties, such as fire and police protection. Approximately the same amount was charged against income to cover similar contributions for 1950, as the arrangements are retroactive to that year under the announced policy of the Government.

Operating income in 1951 showed a gain of \$887,154, the comparable figures being \$7,377,493 in 1951 and \$6,490,339 in 1950.

After taking into account debits and credits to income and charging interest and reserve for replacements, operations for 1951 resulted in a net income deficit of \$194,656. This compares with a net income deficit of \$787,650 reported for 1950.

It should be pointed out that figures for 1950 used in the above-mentioned comparisons include those for Second Narrows Bridge, Vancouver, in accordance with our published figures for that year. The figures for 1951, however, are exclusive of this facility, which reverted to its former owners in March, 1951. Revenues and expenditures for the three months have not been taken into the Board's consolidated income statement, as the bridge was being operated solely for account of the present owners. Net income was paid over and accounts settled prior to the year-end.

#### TARIFFS OF CHARGES

The most important action taken during the year in connection with harbour charges was the application, at harbours in Eastern Canada and at Churchill, with effect from July 1st, of surcharges of 25% on harbour dues and dockage, and 10% on top wharfage. This was the first general upward revision of these tariffs since 1938. In the light of increased costs in the intervening period and current advances in salaries, wages and other expenses, these surcharges were considered reasonable and essential to avoid a deteriorating financial position. They were calculated to produce about half a million dollars annually on the volume of traffic in 1950.

Cold storage warehouse charges at Halifax, Quebec and Montreal were advanced, effective May 1st, following the general trend of competitive rates arising from increased handling and other costs.

Terminal railway charges at Montreal and Quebec were increased, effective May 1st. The minimum car switching rate of \$6.00 at Montreal was increased to \$9.00 and at Quebec from \$5.00 to \$7.00. At Vancouver, terminal railway charges were increased generally by 12 per cent, in line with Board of Transport Commissioners' award to Canadian railways.

Adjustments in grain elevator charges, in conformity with changes in maximum rates authorized by the Board of Grain Commissioners, were put into effect as of August 1st at all elevators operated by the Board.

Handling, car loading and car unloading charges at Vancouver were increased by 15 per cent as of October 4th on local traffic, and November 1st on through traffic, due to higher labour costs.

As of January 1st, the harbour of Churchill, which had previously operated under special tariffs, was brought under the tariffs of harbour dues, dockage and top wharfage applicable to harbours in Eastern Canada under the Board's jurisdiction.

Cargo rates at Vancouver were reduced effective July 1st, in full on all intra-harbour traffic and by 20 per cent on all other traffic. This decrease was warranted in view of the improved financial position of the harbour.

#### CONSOLIDATED STATEMENT—SEVEN HARBOURS

The seven harbours administered by local commissioners prior to 1936—Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Van-

couver—had aggregate operating revenues of \$16,058,949 in 1951, as compared with \$13,924,837 in 1950. The increase was \$2,134,112, or 15 per cent. Expenses of administration, operation and maintenance increased from \$7,648,490 in 1950 to \$8,979,697 in 1951, a difference of \$1,331,207, or 17 per cent. Operating income was \$7,079,252 in 1951, as against \$6,276,347 in the previous year.

Net income deficit in 1951 was \$483,379, as compared with a deficit of \$1,002,755 in 1950.

During the period that these harbours have been under the administration of the Board, annual revenues have increased by \$8,000,000 and operating expenses have risen by about \$4,500,000. The net income deficit is now nearly \$5,400,000 less than in 1936, due in part to improved operating results and in part to a reduction in interest charges.

The following is a comparative income statement for the seven harbours referred to for each of the years 1947 to 1951 inclusive:

#### CONSOLIDATED INCOME STATEMENT

HARBOURS OF HALIFAX, SAINT JOHN, CHICOUTIMI, QUEBEC, THREE RIVERS, MONTREAL AND VANCOUVER

|   | 1951       | 1950       | 1949       | 1948       | 1947       |
|---|------------|------------|------------|------------|------------|
|   | \$         | \$         | \$         | \$         | \$         |
| OPERATING REVENUES.....                 | 16,058,949 | 13,924,837 | 13,066,488 | 12,179,849 | 11,267,227 |
| OPERATING AND MAINTENANCE EXPENSES..... | 8,979,697  | 7,648,490  | 7,376,641  | 6,937,573  | 6,464,097  |
| Operating Income.....                   | 7,079,252  | 6,276,347  | 5,689,847  | 5,242,276  | 4,803,130  |
| MISCELLANEOUS CREDITS (Net).....        | 302,954    | 99,115     | 120,911    | 36,708     | 22,938     |
| Total Income.....                       | 6,776,298  | 6,177,232  | 5,568,936  | 5,205,568  | 4,826,068  |
| INTEREST DUE PUBLIC.....                | 33,572     | 33,572     | 832,285    | 1,001,232  | 1,019,872  |
|   | 6,742,726  | 6,143,660  | 4,736,651  | 4,204,336  | 3,806,196  |
| OTHER INCOME REQUIREMENTS—              |            |            |            |            |            |
| Reserve for Replacements.....           | 1,952,879  | 1,934,413  | 1,928,002  | 1,922,470  | 1,941,557  |
| Interest due Government.....            | 5,273,226  | 5,212,002  | 4,642,606  | 4,494,394  | 4,577,116  |
|   | 7,226,105  | 7,146,415  | 6,570,608  | 6,416,864  | 6,518,673  |
|   | 483,379    | 1,002,755  | 1,833,957  | 2,212,528  | 2,712,477  |
| Deduct—                                 |            |            |            |            |            |
| Special Contributions to Deficit        |            |            |            |            |            |
| (Bridge—Montreal).....                  |            |            | 116,582    | 189,924    | 282,346    |
| Net Income Deficit.....                 | 483,379    | 1,002,755  | 1,717,375  | 2,022,604  | 2,430,131  |

#### PRESCOTT, PORT COLBORNE AND CHURCHILL

It is customary to present a consolidated income statement for the three Government facilities placed under the administration of the Board in 1937—grain elevators at Prescott and Port Colborne and the harbour of Churchill. Aggregate operating revenues were \$1,316,108, as compared with \$1,240,508 in 1950. Operating and maintenance expenses showed a small reduction, the comparable figures being \$1,017,869 in 1951 and \$1,026,516 in 1950. The three units showed a net income surplus of \$288,723, as compared with \$215,104 in 1950. The accounts for these facilities do not include charges for interest or reserve for replacements, other than a small amount for interest on capital expended since these units were transferred to the Board.



The following is a consolidated income statement for these facilities for 1951, showing also comparative figures for the preceding four years:

## CONSOLIDATED INCOME STATEMENT

PRESCOTT AND PORT COLBORNE ELEVATORS AND HARBOUR OF CHURCHILL

|                                      | 1951      | 1950      | 1949      | 1948    | 1947    |
|--------------------------------------|-----------|-----------|-----------|---------|---------|
|                                      | \$        | \$        | \$        | \$      | \$      |
| OPERATING REVENUES.....              | 1,316,108 | 1,240,508 | 1,006,209 | 650,935 | 563,682 |
| OPERATING AND MAINTENANCE EXPENSES.. | 1,017,869 | 1,026,516 | 783,980   | 671,005 | 546,677 |
|                                      | 298,239   | 213,992   | 222,229   | 20,070  | 17,005  |
| OTHER DEBITS AND CREDITS (Net).....  | 9,516     | 1,112     | 1,628     | 321     | 3,064   |
| Net Income Surplus or Deficit..      | 288,723   | 215,104   | 223,857   | 19,749  | 20,069  |

The following statistical record is submitted showing operating revenues, operating expenses and operating income of each unit under the administration of the Board, together with combined totals for all units:

|                 |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|-----------------|------|-----------------------|-----------------------|---------------------|
|                 |      | \$                    | \$                    | \$                  |
| Halifax.....    | 1935 | 500,936               | 504,851               | 3,915*              |
|                 | 1936 | 510,179               | 433,040               | 77,139              |
|                 | 1937 | 581,740               | 429,472               | 152,268             |
|                 | 1938 | 599,856               | 420,765               | 179,091             |
|                 | 1939 | 744,470               | 420,841               | 323,629             |
|                 | 1940 | 1,225,787             | 547,285               | 678,502             |
|                 | 1941 | 1,593,478             | 803,052               | 790,426             |
|                 | 1942 | 1,832,318             | 889,120               | 943,198             |
|                 | 1943 | 1,848,330             | 1,000,664             | 847,666             |
|                 | 1944 | 1,801,217             | 1,116,104             | 685,113             |
|                 | 1945 | 1,653,732             | 1,033,935             | 619,797             |
|                 | 1946 | 1,243,649             | 834,893               | 408,756             |
|                 | 1947 | 1,161,261             | 800,168               | 361,093             |
|                 | 1948 | 1,270,564             | 862,529               | 408,035             |
|                 | 1949 | 1,300,605             | 893,699               | 406,906             |
|                 | 1950 | 1,158,425             | 895,757               | 262,668             |
|                 | 1951 | 1,338,348             | 1,044,779             | 293,569             |
| Saint John..... | 1935 | 322,954               | 272,860               | 50,094              |
|                 | 1936 | 367,448               | 256,380               | 111,068             |
|                 | 1937 | 435,952               | 240,302               | 195,650             |
|                 | 1938 | 445,726               | 242,544               | 203,182             |
|                 | 1939 | 466,004               | 237,882               | 228,122             |
|                 | 1940 | 661,359               | 258,901               | 402,458             |
|                 | 1941 | 776,066               | 264,971               | 511,095             |
|                 | 1942 | 1,133,509             | 319,114               | 814,395             |
|                 | 1943 | 1,492,579             | 440,134               | 1,052,445           |
|                 | 1944 | 1,423,537             | 512,482               | 911,055             |
|                 | 1945 | 1,453,507             | 494,698               | 963,809             |
|                 | 1946 | 933,497               | 459,627               | 473,870             |
|                 | 1947 | 945,198               | 488,756               | 456,442             |
|                 | 1948 | 805,364               | 472,365               | 332,999             |
|                 | 1949 | 715,423               | 501,163               | 214,260             |
|                 | 1950 | 627,860               | 511,328               | 116,532             |
|                 | 1951 | 728,648               | 576,255               | 152,393             |

\* Deficit.



|                   |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|-------------------|------|-----------------------|-----------------------|---------------------|
|                   |      | \$                    | \$                    | \$                  |
| Chicoutimi.....   | 1935 | 13,328                | 20,401                | 7,073*              |
|                   | 1936 | 21,307                | 18,639                | 2,668               |
|                   | 1937 | 21,750                | 14,361                | 7,389               |
|                   | 1938 | 21,254                | 13,374                | 7,880               |
|                   | 1939 | 20,414                | 14,078                | 6,336               |
|                   | 1940 | 34,139                | 15,247                | 18,892              |
|                   | 1941 | 30,339                | 16,100                | 14,239              |
|                   | 1942 | 30,067                | 16,887                | 13,180              |
|                   | 1943 | 32,016                | 25,880                | 6,136               |
|                   | 1944 | 31,923                | 18,402                | 13,521              |
|                   | 1945 | 30,723                | 20,719                | 10,004              |
|                   | 1946 | 32,666                | 17,178                | 15,488              |
|                   | 1947 | 40,573                | 21,407                | 19,166              |
|                   | 1948 | 50,310                | 20,512                | 29,798              |
|                   | 1949 | 58,386                | 19,440                | 38,946              |
|                   | 1950 | 69,816                | 22,172                | 47,644              |
|                   | 1951 | 82,416                | 29,185                | 53,231              |
| Quebec.....       | 1935 | 466,474               | 781,758               | 315,284*            |
|                   | 1936 | 482,542               | 673,838               | 191,296*            |
|                   | 1937 | 447,780               | 572,334               | 124,554*            |
|                   | 1938 | 488,013               | 537,316               | 49,303*             |
|                   | 1939 | 469,424               | 492,203               | 22,779*             |
|                   | 1940 | 684,988               | 504,078               | 180,910             |
|                   | 1941 | 710,867               | 583,546               | 127,321             |
|                   | 1942 | 620,030               | 760,012               | 139,982*            |
|                   | 1943 | 762,644               | 643,458               | 119,186             |
|                   | 1944 | 913,705               | 669,903               | 243,802             |
|                   | 1945 | 944,190               | 797,714               | 146,476             |
|                   | 1946 | 672,264               | 678,427               | 6,163*              |
|                   | 1947 | 627,732               | 691,609               | 63,877*             |
|                   | 1948 | 684,128               | 833,283               | 149,155*            |
|                   | 1949 | 871,022               | 813,289               | 57,733              |
|                   | 1950 | 978,667               | 818,594               | 160,073             |
|                   | 1951 | 1,415,577             | 1,217,085             | 198,492             |
| Three Rivers..... | 1935 | 93,076                | 47,837                | 45,239              |
|                   | 1936 | 122,347               | 32,191                | 90,156              |
|                   | 1937 | 172,309               | 18,023                | 154,286             |
|                   | 1938 | 191,881               | 33,242                | 158,639             |
|                   | 1939 | 165,682               | 18,147                | 147,535             |
|                   | 1940 | 237,924               | 44,905                | 193,019             |
|                   | 1941 | 243,911               | 38,930                | 204,981             |
|                   | 1942 | 185,738               | 22,603                | 163,135             |
|                   | 1943 | 199,023               | 18,011                | 181,012             |
|                   | 1944 | 224,933               | 55,489                | 169,444             |
|                   | 1945 | 294,648               | 32,165                | 262,483             |
|                   | 1946 | 229,882               | 29,822                | 200,060             |
|                   | 1947 | 235,765               | 50,242                | 185,523             |
|                   | 1948 | 219,712               | 43,264                | 176,448             |
|                   | 1949 | 213,745               | 45,194                | 168,551             |
|                   | 1950 | 265,209               | 64,159                | 201,050             |
|                   | 1951 | 296,923               | 37,168                | 259,755             |
| Montreal.....     | 1935 | 4,032,770             | 2,394,967             | 1,637,803           |
|                   | 1936 | 4,238,836             | 2,209,179             | 2,029,657           |
|                   | 1937 | 4,377,350             | 2,136,800             | 2,240,550           |
|                   | 1938 | 4,917,837             | 2,095,656             | 2,822,181           |
|                   | 1939 | 4,469,097             | 1,987,928             | 2,481,169           |
|                   | 1940 | 5,117,818             | 2,116,681             | 3,001,137           |
|                   | 1941 | 5,174,415             | 2,214,748             | 2,959,667           |
|                   | 1942 | 3,797,440             | 2,167,596             | 1,629,844           |
|                   | 1943 | 3,786,305             | 2,039,507             | 1,746,798           |
|                   | 1944 | 4,698,030             | 2,212,488             | 2,485,542           |
|                   | 1945 | 5,484,859             | 2,928,685             | 2,556,174           |
|                   | 1946 | 4,897,323             | 2,937,201             | 1,960,122           |
|                   | 1947 | 4,990,919             | 3,083,883             | 1,907,036           |
|                   | 1948 | 5,608,899             | 3,186,639             | 2,422,260           |
|                   | 1949 | 6,272,697             | 3,663,798             | 2,608,899           |
|                   | 1950 | 6,324,037             | 3,500,606             | 2,823,431           |
|                   | 1951 | 7,478,227             | 4,053,329             | 3,424,898           |

\* Deficit.

|  |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|------|-----------------------|-----------------------|---------------------|
|  |      | \$                    | \$                    | \$                  |
| Jacques Cartier Bridge (Montreal)..... | 1935 | 347,698               | 145,439               | 202,259             |
|  | 1936 | 354,867               | 91,861                | 263,006             |
|  | 1937 | 423,785               | 84,550                | 339,235             |
|  | 1938 | 445,945               | 91,785                | 354,160             |
|  | 1939 | 463,124               | 91,266                | 371,858             |
|  | 1940 | 474,270               | 103,167               | 371,103             |
|  | 1941 | 589,768               | 105,870               | 483,898             |
|  | 1942 | 537,406               | 102,903               | 434,503             |
|  | 1943 | 520,120               | 97,020                | 423,100             |
|  | 1944 | 600,237               | 99,098                | 501,139             |
|  | 1945 | 604,629               | 105,422               | 499,207             |
|  | 1946 | 730,701               | 113,337               | 617,364             |
|  | 1947 | 835,097               | 118,779               | 716,318             |
|  | 1948 | 974,764               | 129,372               | 845,392             |
|  | 1949 | 1,104,921             | 141,727               | 963,194             |
|  | 1950 | 1,231,537             | 148,385               | 1,083,152           |
|  | 1951 | 1,413,381             | 168,165               | 1,245,216           |
| Prescott Grain Elevator.....           | 1936 | 173,671               | 92,715                | 80,956              |
|  | 1937 | 57,257                | 81,888                | 24,631*             |
|  | 1938 | 68,989                | 75,204                | 6,215*              |
|  | 1939 | 242,741               | 74,778                | 167,963             |
|  | 1940 | 284,271               | 93,384                | 190,887             |
|  | 1941 | 215,606               | 86,126                | 129,480             |
|  | 1942 | 233,718               | 82,399                | 151,319             |
|  | 1943 | 112,691               | 74,418                | 38,273              |
|  | 1944 | 257,750               | 110,575               | 147,175             |
|  | 1945 | 195,723               | 119,422               | 76,301              |
|  | 1946 | 111,911               | 101,812               | 10,099              |
|  | 1947 | 136,750               | 119,687               | 17,063              |
|  | 1948 | 120,037               | 160,253               | 40,216*             |
|  | 1949 | 264,004               | 150,155               | 113,849             |
|  | 1950 | 283,680               | 143,904               | 139,776             |
|  | 1951 | 276,544               | 159,139               | 117,405             |
| Port Colborne Grain Elevator.....      | 1936 | 190,723               | 114,495               | 76,228              |
|  | 1937 | 126,457               | 99,546                | 26,911              |
|  | 1938 | 249,622               | 133,319               | 116,303             |
|  | 1939 | 255,659               | 119,207               | 136,452             |
|  | 1940 | 212,648               | 91,660                | 120,988             |
|  | 1941 | 164,167               | 79,937                | 84,230              |
|  | 1942 | 171,280               | 73,100                | 98,180              |
|  | 1943 | 129,905               | 74,153                | 55,752              |
|  | 1944 | 239,703               | 97,106                | 142,597             |
|  | 1945 | 292,777               | 145,711               | 147,066             |
|  | 1946 | 223,631               | 140,494               | 83,137              |
|  | 1947 | 208,871               | 142,265               | 66,606              |
|  | 1948 | 252,185               | 189,414               | 62,771              |
|  | 1949 | 485,718               | 293,881               | 191,837             |
|  | 1950 | 588,357               | 325,954               | 262,403             |
|  | 1951 | 630,423               | 394,843               | 235,580             |
| Churchill.....                         | 1936 | 84,443                | 280,458               | 196,015*            |
|  | 1937 | 6,418                 | 148,331               | 141,913*            |
|  | 1938 | 83,867                | 136,491               | 52,624*             |
|  | 1939 | 108,264               | 154,672               | 46,408*             |
|  | 1940 | 70,518                | 110,184               | 39,666*             |
|  | 1941 | 70,267                | 102,499               | 32,232*             |
|  | 1942 | 144,782               | 139,348               | 5,434               |
|  | 1943 | 95,860                | 132,372               | 36,512*             |
|  | 1944 | 71,028                | 128,635               | 57,607*             |
|  | 1945 | 66,785                | 152,666               | 85,881*             |
|  | 1946 | 72,713                | 173,225               | 100,512*            |
|  | 1947 | 218,061               | 284,725               | 66,664*             |
|  | 1948 | 278,712               | 321,337               | 42,625*             |
|  | 1949 | 256,487               | 339,944               | 83,457*             |
|  | 1950 | 368,472               | 556,659               | 188,187*            |
|  | 1951 | 409,141               | 463,887               | 54,746*             |

\* Deficit.

|  |       | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|-------|-----------------------|-----------------------|---------------------|
|  |       | \$                    | \$                    | \$                  |
| Vancouver.....                         | 1935  | 1,537,044             | 736,554               | 800,490             |
|  | 1936  | 1,792,980             | 718,997               | 1,073,983           |
|  | 1937  | 1,636,648             | 708,830               | 927,818             |
|  | 1938  | 1,453,905             | 566,397               | 887,508             |
|  | 1939  | 1,578,036             | 590,743               | 987,293             |
|  | 1940  | 1,480,904             | 568,853               | 912,051             |
|  | 1941  | 1,476,586             | 568,309               | 908,277             |
|  | 1942  | 1,568,977             | 588,502               | 980,475             |
|  | 1943  | 1,736,959             | 670,930               | 1,066,029           |
|  | 1944  | 2,138,666             | 916,767               | 1,221,899           |
|  | 1945  | 2,199,550             | 956,434               | 1,243,116           |
|  | 1946  | 2,184,238             | 918,664               | 1,265,574           |
|  | 1947  | 2,206,235             | 1,142,027             | 1,064,208           |
|  | 1948  | 2,311,011             | 1,293,633             | 1,017,378           |
|  | 1949  | 2,260,677             | 1,209,250             | 1,051,427           |
|  | 1950  | 2,985,966             | 1,594,580             | 1,391,386           |
|  | 1951  | 3,305,429             | 1,853,730             | 1,451,699           |
| Second Narrows Bridge (Vancouver)..... | 1935  | 113,168               | 71,083                | 42,085              |
|  | 1936  | 140,089               | 60,586                | 79,503              |
|  | 1937  | 164,899               | 62,611                | 102,288             |
|  | 1938  | 178,039               | 62,630                | 115,409             |
|  | 1939  | 110,225               | 57,074                | 53,151              |
|  | 1940  | 117,569               | 52,480                | 65,089              |
|  | 1941  | 143,955               | 55,201                | 88,754              |
|  | 1942  | 161,535               | 58,193                | 103,342             |
|  | 1943  | 144,645               | 61,024                | 83,621              |
|  | 1944  | 137,585               | 62,037                | 75,548              |
|  | 1945  | 169,701               | 63,677                | 106,024             |
|  | 1946  | 189,076               | 61,925                | 127,151             |
|  | 1947  | 224,447               | 67,226                | 157,221             |
|  | 1948  | 255,096               | 95,974                | 159,122             |
|  | 1949  | 269,012               | 89,082                | 179,930             |
|  | 1950  | 283,319               | 92,908                | 190,411             |
| (Reverted to former owners in 1951).   |       |                       |                       |                     |
| All Units.....                         | 1935  | †7,427,448            | 4,975,750             | 2,451,698           |
|  | 1936  | 8,479,432             | 4,982,379             | 3,497,053           |
|  | 1937  | 8,452,355             | 4,598,442             | 3,853,913           |
|  | 1938  | 9,144,935             | 4,408,724             | 4,736,211           |
|  | 1939  | 9,093,140             | 4,258,821             | 4,834,319           |
|  | 1940  | 10,602,199            | 4,506,827             | 6,095,372           |
|  | 1941  | 11,189,428            | 4,919,289             | 6,270,139           |
|  | 1942  | 10,416,805            | 5,219,781             | 5,197,024           |
|  | 1943  | 10,861,081            | 5,277,574             | 5,583,507           |
|  | 1944  | 12,538,318            | 5,999,089             | 6,539,229           |
|  | 1945  | 13,395,824            | 6,851,248             | 6,544,576           |
|  | 1946  | 11,521,551            | 6,466,606             | 5,054,945           |
|  | 1947  | 11,830,910            | 7,010,775             | 4,820,135           |
|  | 1948  | 12,830,784            | 7,608,578             | 5,222,206           |
|  | 1949  | 14,072,697            | 8,160,622             | 5,912,075           |
|  | 1950  | 15,165,345            | 8,675,006             | 6,490,339           |
|  | §1951 | 17,375,059            | 9,997,566             | 7,377,493           |

† Does not include Prescott Elevator, Port Colborne Elevator and Churchill Harbour.

§ Excludes Second Narrows Bridge, Vancouver.

## CAPITAL EXPENDITURES

Expenditures incurred in 1951 on capital and replacement works amounted to \$2,745,658, of which \$2,286,798 was charged to capital and \$458,860 to reserve funds. The distribution of these expenditures was as follows:

|  |              |
|--|--------------|
| <i>Capital—</i>                        |              |
| Halifax.....                           | \$ 1,042,951 |
| Quebec.....                            | 27,254       |
| Three Rivers.....                      | 2,542        |
| Montreal.....                          | 898,823      |
| Port Colborne.....                     | 49,648       |
| Churchill.....                         | 174,882      |
| Vancouver.....                         | 90,698       |
|  | <hr/>        |
|  | \$ 2,286,798 |
| <i>Replacement of Physical Assets—</i> |              |
| Halifax.....                           | \$ 1,874     |
| Montreal.....                          | 196,394      |
| Churchill.....                         | 1,285        |
| Vancouver.....                         | 259,307      |
|  | <hr/>        |
|  | 458,860      |
|  | <hr/>        |
|  | \$ 2,745,658 |

Capital expenditures are financed from advances made to the Board by the Government, on the deposit of interest-bearing certificates of indebtedness. On current advances the rate is  $3\frac{3}{4}$  per cent per annum, recently increased from  $2\frac{3}{4}$  per cent.

The book value of fixed assets as at December 31, 1951, was \$236,444,807.

Capital works are referred to in detail in the data submitted for each harbour.

## FINANCE

The following statement sets out the various amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1951 and also the amounts paid to the Treasury from Board funds:

|  |              |
|--|--------------|
| <i>Amounts Required from Government—</i> |              |
| Capital expenditures, 1951.....          | \$ 2,286,798 |
| Deficits—                                |              |
| Churchill.....                           | 55,406       |
|  | <hr/>        |
|  | \$ 2,342,204 |
| <i>Amounts Paid to Government—</i>       |              |
| Interest on Advances.....                | \$ 4,127,596 |
| Surplus earnings (1950)—                 |              |
| Prescott Elevator.....                   | \$ 146,113   |
| Port Colborne Elevator.....              | 263,382      |
|  | <hr/>        |
|  | 409,495      |
| Repayment of advances.....               | 879,185      |
|  | <hr/>        |
|  | \$ 5,416,276 |

## RESERVE FUNDS

As at December 31, 1951, reserve funds for replacement of physical assets (as from January 1, 1936) and for insurance and workmen's compensation amounted to \$32,627,590, the accretion in the year to these funds being \$2,442,915.

The reserves consist of cash on deposit with the Receiver General, \$946,743, and investments in authorized securities, book value \$31,680,847 (market value \$30,244,792).



The amount of the Board's pension fund at the close of the year was \$4,407,067 on deposit with the Receiver General. In addition, miscellaneous funds, including provision for special maintenance, were held in the amount of \$687,811, represented by cash on deposit with the Receiver General, \$69,595, and authorized investments, book value \$618,216 (market value \$603,410).

As provided by Section 31 of The National Harbours Board Act, separate accounts have been kept for each harbour or property and the revenues of each have been assigned exclusively for its own purposes.

Consolidated income statement and balance sheet, together with similar statements for each harbour and the elevators at Prescott and Port Colborne, as well as Head Office, supplemented by shipping and traffic statistics and information respecting work carried on during the year, are appended to this report.

The Auditor General of Canada has carried on a continuous audit of the accounts.

---

The Board records with regret the retirement from official duty on July 1, 1951, of J. E. St. Laurent, C.M.G., M.E.I.C., vice-chairman of the Board since 1942. Previously, he served with the Department of Transport as chief engineer, St. Lawrence Ship Channel, and with the Department of Public Works as district engineer. In his various positions, Mr. St. Laurent built up an enviable record of forty-two years of public service, carrying out his duties with ability and devotion. His wide experience before assuming the position of vice-chairman made him a most valuable member of the Board and his advice and judgment will be greatly missed.

E. G. Cameron, M.E.I.C., chief engineer, retired on pension at the end of 1951. He became associated with our engineering staff at head office in 1936 and had held the position of chief engineer since 1940. Including previous employment with the former Department of Railways and Canals, he had spent nearly thirty-nine years in government service. The Board records his retirement with regret, as his extensive professional experience and intimate knowledge of our harbours fitted him eminently for his position, and he carried out his duties with painstaking regard for the public interest.

Romeo Larivière, port manager at Three Rivers, and previously secretary-treasurer of the Three Rivers Harbour Commission, relinquished his official duties during the month of March, 1952, taking leave of absence prior to superannuation. Mr. Larivière was chief administrative officer of the harbour for over twenty-one years. The Board is pleased to pay tribute to his competent and devoted service.

Respectfully submitted,

R. K. SMITH,  
*Chairman.*

C. P. BUCKLEY,  
*Secretary.*

B. J. ROBERTS.

## NATIONAL HARBOURS BOARD

## CONSOLIDATED INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|   |    |              |                 |
|---|----|--------------|-----------------|
| <b>OPERATING REVENUES—</b>                                      |    |              |                 |
| Harbour General—  |    |              |                 |
| Harbour Dues.....   | \$ | 291,750 73   |                 |
| Cargo Rates.....  |    | 791,122 17   |                 |
| Miscellaneous.....  |    | 1,000,279 89 |                 |
|   |    |              | \$2,083,152 79  |
| Wharves and Piers—  |    |              |                 |
| Top Wharfage.....   |    | 3,816,419 37 |                 |
| Dockage.....  |    | 1,052,438 24 |                 |
| Miscellaneous.....  |    | 468,955 84   |                 |
|   |    |              | 5,337,813 45    |
| Permanent Sheds—  |    |              |                 |
| Shed Rentals.....   |    | 612,332 76   |                 |
| Storage.....  |    | 210,253 11   |                 |
| Miscellaneous.....  |    | 181,267 24   |                 |
|   |    |              | 1,003,853 11    |
| Shed Hoists.....  |    |              | 37,788 00       |
| Railway System.....   |    |              | 1,444,395 12    |
| Grain Elevator System—  |    |              |                 |
| Elevation.....  |    | 2,866,348 14 |                 |
| Storage.....  |    | 924,725 93   |                 |
| Rentals.....  |    | 301,670 06   |                 |
| Miscellaneous.....  |    | 311,742 77   |                 |
|   |    |              | 4,404,486 90    |
| Cold Storage System—  |    |              |                 |
| Storage.....  |    | 730,468 03   |                 |
| Miscellaneous.....  |    | 306,863 16   |                 |
|   |    |              | 1,037,331 19    |
| Miscellaneous Services—   |    |              |                 |
| Outsiders.....  |    |              | 612,857 98      |
| Bridge Tolls and Sundry Receipts.....                           |    |              | 1,413,381 23    |
|   |    |              | \$17,375,059 77 |
| <b>OPERATING EXPENSES—</b>                                      |    |              |                 |
| Administration.....   |    |              | \$1,108,841 61  |
| Operation and Maintenance—                                      |    |              |                 |
| Harbour Dredging.....   | \$ | 354,108 84   |                 |
| Harbour General.....  |    | 1,694,445 81 |                 |
| Vehicular Bridges.....  |    | 7,595 54     |                 |
| Roads, Fences and Boundaries.....                               |    | 86,561 04    |                 |
| Sewers and Drains.....  |    | 9,426 97     |                 |
| Wharves and Piers.....  |    | 514,612 68   |                 |
| Permanent Sheds.....  |    | 740,750 25   |                 |
| Shed Hoists.....  |    | 39,717 66    |                 |
| Railway System.....   |    | 1,218,883 05 |                 |
| Grain Elevator System.....                                      |    | 2,632,942 03 |                 |
| Cold Storage System.....  |    | 781,269 76   |                 |
| Miscellaneous Services—Outsiders.....                           |    | 640,246 01   |                 |
| Bridges.....  |    | 168,165 64   |                 |
|   |    |              | 8,888,725 28    |
|   |    |              | 9,997,566 89    |
| Operating Income.....   |    |              | 7,377,492 88    |
| <b>INCOME RECEIVED FROM INVESTMENTS AND RESERVE FUNDS.....</b>  |    |              |                 |
|   |    | 921,682 07   |                 |
| <b>MISCELLANEOUS INCOME CREDITS.....</b>                        |    |              |                 |
|   |    | 115,497 97   |                 |
|   |    |              | 1,037,180 04    |
| Total Income.....   |    |              | 8,414,672 92    |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |    |              |                 |
| Income received from Reserve Funds transferred to Reserves..... |    | 920,434 33   |                 |
| Reserve for Bad Debts.....                                      |    | 8,794 98     |                 |
| Miscellaneous Income Charges.....                               |    | 343,135 98   |                 |
| Bond Redemption Expense and Premium on U.S. Funds.....          |    | 61,333 66    |                 |
|   |    |              | 1,333,698 95    |
| Income available for Interest due Public.....                   |    |              | 7,080,973 97    |
| <b>INTEREST ON DEBT TO THE PUBLIC.....</b>                      |    |              |                 |
|   |    |              | 33,572 43       |
|   |    |              | 7,047,401 54    |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |    |              |                 |
| Reserve for Replacements.....                                   |    | 1,952,878 63 |                 |
| Interest due Government.....                                    |    | 5,289,178 57 |                 |
|   |    |              | 7,242,057 20    |
| Net Income <i>Deficit</i> .....                                 | \$ |              | 194,655 66      |

## NATIONAL HARBOURS BOARD

## CONSOLIDATED BALANCE SHEET AS

## ASSETS

## CURRENT—

|  |                |                 |
|--|----------------|-----------------|
| Cash-Receiver General and on Hand..... | \$3,407,736 17 |                 |
| Account Receivable.....                | 3,004,038 10   |                 |
| Stores on hand.....                    | 812,907 01     |                 |
| Accrued Revenue.....                   | 215,764 59     |                 |
| Other Assets.....                      | 217,683 69     |                 |
|  |                | \$ 7,658,129 56 |

## RESERVE FUNDS—

|  |               |               |
|--|---------------|---------------|
| Replacement Fund.....                    | 30,122,836 32 |               |
| Fire and General Insurance Fund.....     | 1,875,280 12  |               |
| General Workmen's Compensation Fund..... | 629,473 28    |               |
| N.H.B. Pension Fund.....                 | 4,407,066 84  |               |
| Miscellaneous Funds.....                 | 687,811 58    |               |
|  |               | 37,722,468 14 |

|                  |            |
|------------------|------------|
| INVESTMENTS..... | 142,961 04 |
|------------------|------------|

|                       |           |
|-----------------------|-----------|
| PREPAID EXPENSES..... | 19,423 99 |
|-----------------------|-----------|

|                                |            |
|--------------------------------|------------|
| CAPITAL SUSPENSE ACCOUNTS..... | 170,554 50 |
|--------------------------------|------------|

|  |              |
|--|--------------|
| BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT (BRIDGE—MONTREAL)..... | 1,093,784 28 |
|--|--------------|

|                                     |            |
|-------------------------------------|------------|
| CONTRACTORS' SECURITY DEPOSITS..... | 566,761 01 |
|-------------------------------------|------------|

## FIXED—

|  |               |                |
|--|---------------|----------------|
| Harbour Dredging.....                          | 12,305,212 34 |                |
| Real Estate.....                               | 12,828,868 63 |                |
| Vehicular Bridges.....                         | 202,206 25    |                |
| Roads, Fences and Boundaries.....              | 1,842,641 59  |                |
| Sewers and Drains.....                         | 689,700 84    |                |
| Miscellaneous Structures.....                  | 756,924 27    |                |
| Wharves and Piers.....                         | 95,213,984 54 |                |
| Permanent Sheds.....                           | 22,530,402 74 |                |
| Shed Hoists and Electric Cranes.....           | 248,972 88    |                |
| Railway System.....                            | 7,788,175 18  |                |
| Grain Elevator System.....                     | 42,625,178 74 |                |
| Cold Storage System.....                       | 5,779,503 75  |                |
| Office Furniture and Appliances.....           | 181,352 57    |                |
| Harbour Buildings.....                         | 1,184,137 87  |                |
| Central Heating Plants.....                    | 150,657 40    |                |
| Harbour Shops.....                             | 326,187 72    |                |
| Electric Power System.....                     | 1,219,773 49  |                |
| Water Supply System.....                       | 768,922 61    |                |
| Floating Equipment.....                        | 2,186,560 69  |                |
| Shore Equipment.....                           | 927,145 51    |                |
| Miscellaneous Small Plant.....                 | 587,106 91    |                |
| Engineering-General Surveys.....               | 606,402 98    |                |
| Works under Construction.....                  | 1,544,992 03  |                |
| Sundry Expenditure—Undistributed.....          | 5,386,080 33  |                |
| Bridge Construction and Right-of-Way, etc..... | 18,563,715 46 |                |
|  |               | 236,444,807 32 |

---



---

\$283,818,889 84

## NATIONAL HARBOURS BOARD

AT DECEMBER 31, 1951

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

## CURRENT—

|                                    |                |                        |
|------------------------------------|----------------|------------------------|
| Accounts Payable.....              | \$1,308,248 52 |                        |
| Salaries and Wages Payable.....    | 229,887 20     |                        |
| Accrued Interest due Public.....   | 14,710 43      |                        |
| Matured Debentures due Public..... | 4,500 00       |                        |
| Other Current Liabilities.....     | 1,630 89       |                        |
|                                    |                | <u>\$ 1,558,977 04</u> |

|  |            |
|--|------------|
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 566,761 01 |
|--|------------|

|  |            |
|--|------------|
| CONTRACTORS' HOLDBACKS—CONSTRUCTION..... | 170,853 01 |
|--|------------|

|                                    |            |
|------------------------------------|------------|
| ACCOUNTS PAYABLE—CONSTRUCTION..... | 350,009 59 |
|------------------------------------|------------|

|  |              |
|--|--------------|
| PROVISION FOR EMPLOYEES' PENSIONS..... | 4,407,066 84 |
|--|--------------|

|                       |            |
|-----------------------|------------|
| DEFERRED REVENUE..... | 273,855 98 |
|-----------------------|------------|

|                                       |            |
|---------------------------------------|------------|
| DEBENTURE INDEBTEDNESS TO PUBLIC..... | 671,282 35 |
|---------------------------------------|------------|

|  |                     |
|--|---------------------|
|  | <u>7,998,805 82</u> |
|--|---------------------|

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

## Loans and Advances—

|                           |                  |                       |
|---------------------------|------------------|-----------------------|
| Non-Interest bearing..... | \$ 50,907,827 67 |                       |
| Interest bearing.....     | 187,999,835 96   |                       |
| Accrued Interest.....     | 32,967,973 01    |                       |
|                           |                  | <u>271,875,636 64</u> |

## Reserves for:

|                                 |               |                       |
|---------------------------------|---------------|-----------------------|
| Replacement.....                | 36,184,357 21 |                       |
| Fire and General Insurance..... | 1,875,464 71  |                       |
| Workmen's Compensation.....     | 629,473 28    |                       |
| Miscellaneous Purposes.....     | 802,363 05    |                       |
|                                 |               | <u>39,491,658 25</u>  |
|                                 |               | <u>311,367,294 89</u> |

## Deficit:

|                              |               |                                |
|------------------------------|---------------|--------------------------------|
| As at January 1, 1951.....   | 35,204,313 98 |                                |
| Loss on 1951 Operations..... | 194,655 66    |                                |
| Other Charges.....           | 148,241 23    |                                |
|                              |               | <u>35,547,210 87</u>           |
|                              |               | <u>275,820,084 02</u>          |
|                              |               | <u><u>\$283,818,889 84</u></u> |



## HARBOUR OF HALIFAX

The Harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. Here, the National Harbours Board operates eight main piers and wharves having about 17,000 linear feet of berthing and being equipped with 15 transit sheds with an aggregate floor area of about 1,241,100 square feet. In addition, the Board operates a 2,200,000 bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour and a marine tower with an unloading capacity of 15,000 bushels per hour; also a cold storage terminal warehouse, with about 1,655,350 cubic feet of storage space, completely fitted with freezing, storing and packing equipment and ample rail connections.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 3,094                   | 5,231,021                    |
| 1950.....          | 3,012                   | 4,405,238                    |
| 1949.....          | 2,827                   | 4,305,605                    |
| 1948.....          | 2,579                   | 4,179,092                    |
| 1947.....          | 2,319                   | 3,406,482                    |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 3,087                   | 5,206,807                    |
| 1950.....          | 3,027                   | 4,481,166                    |
| 1949.....          | 2,788                   | 4,245,094                    |
| 1948.....          | 2,577                   | 4,191,991                    |
| 1947.....          | 2,319                   | 3,428,103                    |

(Exclusive of naval vessels)

### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,475                   | 5,037,936                    | 1,350                   | 4,227,737                    |
| Coastal or inland commercial (including fishery)..... | 1,571                   | 165,962                      | 1,631                   | 157,358                      |
| Other.....  | 48                      | 27,123                       | 31                      | 20,143                       |
| Total.....  | 3,094                   | 5,231,021                    | 3,012                   | 4,405,238                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,464                   | 5,015,176                    | 1,368                   | 4,306,036                    |
| Coastal or inland commercial (including fishery)..... | 1,578                   | 165,994                      | 1,628                   | 154,987                      |
| Other.....  | 45                      | 25,637                       | 31                      | 20,143                       |
| Total.....  | 3,087                   | 5,206,807                    | 3,027                   | 4,481,166                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1951.....        | 1,828,553 | 622,683   | 2,451,236 |
| 1950.....        | 1,898,306 | 562,867   | 2,461,173 |
| 1949.....        | 1,754,331 | 900,026   | 2,654,357 |
| 1948.....        | 1,888,671 | 1,083,417 | 2,972,088 |
| 1947.....        | 1,599,594 | 1,389,391 | 2,988,985 |
| <i>Domestic—</i> |           |           |           |
| 1951.....        | 467,713   | 959,326   | 1,427,039 |
| 1950.....        | 352,905   | 910,083   | 1,262,988 |
| 1949.....        | 255,567   | 656,331   | 911,898   |
| 1948.....        | 316,892   | 340,226   | 657,118   |
| 1947.....        | 245,887   | 342,587   | 588,474   |
| <i>Total—</i>    |           |           |           |
| 1951.....        | 2,296,266 | 1,582,009 | 3,878,275 |
| 1950.....        | 2,251,211 | 1,472,950 | 3,724,161 |
| 1949.....        | 2,009,898 | 1,556,357 | 3,566,255 |
| 1948.....        | 2,205,563 | 1,423,643 | 3,629,206 |
| 1947.....        | 1,845,481 | 1,731,978 | 3,577,459 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Petroleum Oil, crude.....   | 1,044,436      | .....           | 1,044,436     | 1,297,694     |
| Petroleum Oil, fuel.....  | 366,300        | 596,484         | 962,784       | 715,382       |
| Gasoline.....   | 292,883        | 240,985         | 533,868       | 387,723       |
| Grain.....  | .....          | 174,407         | 174,407       | 199,305       |
| Coal, bituminous.....   | 136,507        | 5               | 136,512       | 201,212       |
| Flour, wheat.....   | 21             | 94,559          | 94,580        | 80,649        |
| Fish (including Shell-fish), dried, pickled, salted or smoked.....  | 31,708         | 57,551          | 89,259        | 83,809        |
| Lumber (Planks, Boards and Flooring) and Square Timber.....   | 3,466          | 67,106          | 70,572        | 45,570        |
| Cement, common or portland.....   | 55,617         | 528             | 56,145        | 44,678        |
| Rubber, crude (including Latex).....  | 49,205         | 389             | 49,594        | 45,737        |
| Coal, anthracite.....   | 46,045         | 137             | 46,182        | 34,322        |
| Potatoes.....   | 200            | 43,970          | 44,170        | 43,382        |
| Fish (including Shell-fish), fresh or frozen.....   | 37,030         | 1,790           | 38,820        | 42,065        |
| Motor Vehicles and Parts.....   | 23,901         | 7,698           | 31,599        | 79,501        |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods, sheets or slabs.....                                  | 68             | 23,878          | 23,946        | 11,888        |
| Vegetable Oils.....   | 19,957         | 1,545           | 21,502        | 4,885         |
| Wood-pulp.....  | 2,586          | 14,441          | 17,027        | 935           |
| Copper Concentrates, Matte and Ore.....   | .....          | 16,010          | 16,010        | 10,554        |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and Ties (railway).....                                    | 59             | 15,637          | 15,696        | 17,512        |
| Paper, newsprint.....   | .....          | 14,879          | 14,879        | 6,238         |
| Grain Products (Mill Products except Wheat Flour).....  | 1              | 13,796          | 13,797        | 14,886        |
| Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin Plate..... | 12,557         | 1,235           | 13,792        | 5,284         |
| Kerosene.....   | 9,164          | 4,191           | 13,355        | 32,509        |
| Fertilizers and Fertilizer Materials.....   | 7,748          | 4,181           | 11,929        | 20,745        |
| Tea.....  | 11,751         | 130             | 11,881        | 20,819        |
| Asbestos and Asbestos Manufactures.....   | 21             | 11,505          | 11,526        | 4,857         |
| Fruits, dried.....  | 11,133         | 199             | 11,332        | 6,679         |
| All Goods not otherwise specified.....  | 133,902        | 174,773         | 308,675       | 265,341       |
| Total.....  | 2,296,266      | 1,582,009       | 3,878,275     | 3,724,161     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1951.....         | 98,460 | 4,874    | 103,334 |
| 1950.....         | 37,857 | 3,567    | 41,424  |
| 1949.....         | 60,351 | 13,937   | 74,288  |
| 1948.....         | 73,224 | 14,206   | 87,430  |
| 1947.....         | 34,637 | 14,393   | 49,030  |
| <i>Coastwise—</i> |        |          |         |
| 1951.....         | 189    | 159      | 348     |
| 1950.....         | 244    | 266      | 510     |
| 1949.....         | 632    | 560      | 1,192   |
| 1948.....         |        |          |         |
| 1947.....         |        |          |         |
| <i>Total—</i>     |        |          |         |
| 1951.....         | 98,649 | 5,033    | 103,682 |
| 1950.....         | 38,101 | 3,833    | 41,934  |
| 1949.....         | 60,983 | 14,497   | 75,480  |
| 1948.....         | 73,224 | 14,206   | 87,430  |
| 1947.....         | 34,637 | 14,393   | 49,030  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1951, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1951.....         |           | 5,591,205 | 5,591,205  |
| 1950.....         |           | 6,497,777 | 6,497,777  |
| 1949.....         |           | 9,335,862 | 9,335,862  |
| 1948.....         |           | 7,429,622 | 7,429,622  |
| 1947.....         | 15,970    | 7,010,768 | 7,026,738  |
| <i>Via rail—</i>  |           |           |            |
| 1951.....         | 6,210,547 |           | 6,210,547  |
| 1950.....         | 5,009,257 |           | 5,009,257  |
| 1949.....         | 9,987,343 | 2,000     | 9,989,343  |
| 1948.....         | 8,614,307 | 3,733     | 8,618,040  |
| 1947.....         | 7,313,687 |           | 7,313,687  |
| <i>Via other—</i> |           |           |            |
| 1951.....         |           | 363,927   | 363,927    |
| 1950.....         |           | 32,408    | 32,408     |
| 1949.....         |           | 43,044    | 43,044     |
| 1948.....         |           | 42,395    | 42,395     |
| 1947.....         |           | 172,952   | 172,952    |
| <i>Total—</i>     |           |           |            |
| 1951.....         | 6,210,547 | 5,955,132 | 12,165,679 |
| 1950.....         | 5,009,257 | 6,530,185 | 11,539,442 |
| 1949.....         | 9,987,343 | 9,380,906 | 19,368,249 |
| 1948.....         | 8,614,307 | 7,475,750 | 16,090,057 |
| 1947.....         | 7,329,657 | 7,183,720 | 14,513,377 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$269,873. The main items were repairs to concrete piling in the substructure of pier 2, reconditioning concrete cope walls at pier 9 extension and pier "B", re-roofing sections of grain elevator storage bins, replacement of steel sash and four loftier leg casings and repairs to structural steel in the grain elevator, inspection, repair and replacement of dockspouts and hoisting mechanisms at galleries 24 and 25, replacement of timber doors of shed 25 and retubing of ammonia condenser at the cold storage plant.

## CAPITAL

The expenditure on capital account during 1951 amounted to \$1,044,825, part of which was provided from replacement fund. The principal items were:—

*Reconstruction of Pier 3.*—A contract was awarded in May 1949, to E. G. M. Cape and Company for the demolition of the then existing pier 3 and the construction of a reinforced concrete crib and fill type pier, approximately 750 feet by 270 feet. This work was completed during 1951.

*Construction of Transit Sheds, Pier 3.*—In November, 1950, a contract was awarded to E. G. M. Cape and Company for the construction of transit sheds 3N and 3S on pier 3. Each shed is 726 ft. by 90 ft. with structural steel framing, corrugated steel siding, mill type roof and equipped with a cargo beam. Both sheds have brick office buildings attached. The work was approximately 85 percent completed at the end of the year.

*Replacement of Dockside Doors, Shed 20.*—In September, 1950, Westeel Products, Limited, was awarded a contract for the supplying and installing in shed 20 of fourteen steel vertical lift doors. This work was completed early in 1951.

*Refrigeration Equipment for Cold Storage Plant.*—A contract was awarded in November to Canadian Ice Machine Co. Ltd. for supply and installation of additional refrigeration equipment in the cold storage plant. None of the work of installation was completed during the year.

*Minor Items.*—These included the purchase of a 3-ton truck and the installation of water meters.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,338,348, as compared with \$1,158,425 in 1950, the increase being \$179,923. Operating and maintenance expenses increased by \$149,022, being \$1,044,779 in 1951, as against \$895,757 in the previous year.

After charging interest due the Government and reserve for replacements, the year's operations resulted in a net income deficit of \$363,587, as compared with a deficit of \$331,274 in 1950.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 39,334 13 |              |
| Miscellaneous..... | 7,202 47     | \$ 46,536 60 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 353,077 26 |            |
| Dockage.....       | 119,971 56 |            |
| Miscellaneous..... | 38,256 91  | 511,305 73 |

## Permanent Sheds—

|                    |            |            |
|--------------------|------------|------------|
| Shed Rentals.....  | 143,975 65 |            |
| Storage.....       | 39,025 78  |            |
| Miscellaneous..... | 8,726 39   | 191,727 82 |

## Grain Elevator System—

|                    |           |            |
|--------------------|-----------|------------|
| Elevation.....     | 84,500 83 |            |
| Storage.....       | 32,836 79 |            |
| Miscellaneous..... | 4,353 00  | 121,690 62 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 259,700 96 |            |
| Miscellaneous..... | 164,138 78 | 423,839 74 |

## Miscellaneous Services—

|                |           |                |
|----------------|-----------|----------------|
| Outsiders..... | 43,247 81 | \$1,338,348 32 |
|----------------|-----------|----------------|

## OPERATING EXPENSES—

|                     |               |
|---------------------|---------------|
| Administration..... | \$ 115,327 82 |
|---------------------|---------------|

## Operation and Maintenance—

|                                       |            |              |
|---------------------------------------|------------|--------------|
| Harbour General.....                  | 111,245 60 |              |
| Roads, Fences and Boundaries.....     | 6,873 40   |              |
| Sewers and Drains.....                | 663 99     |              |
| Wharves and Piers.....                | 79,706 98  |              |
| Permanent Sheds.....                  | 235,845 09 |              |
| Grain Elevator System.....            | 156,433 22 |              |
| Cold Storage System.....              | 303,689 86 |              |
| Miscellaneous Services—Outsiders..... | 34,993 48  | 929,451 62   |
|                                       |            | 1,044,779 44 |

|                       |            |
|-----------------------|------------|
| Operating Income..... | 293,568 88 |
|-----------------------|------------|

|   |            |
|---|------------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 104,217 08 |
|---|------------|

|                                   |          |            |
|-----------------------------------|----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 4,518 13 | 108,735 21 |
|-----------------------------------|----------|------------|

|                   |            |
|-------------------|------------|
| Total Income..... | 402,304 09 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |            |            |
|---|------------|------------|
| Income received from Reserve Funds transferred to Reserves..... | 104,217 08 |            |
| Reserve for Bad Debts.....                                      | 556 89     |            |
| Miscellaneous Income Charges.....                               | 50,296 88  | 155,070 35 |
|   |            | 247,233 74 |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 200,000 00 |            |
| Interest due Government.....  | 410,821 03 | 610,821 03 |

|                         |               |
|-------------------------|---------------|
| Net Income Deficit..... | \$ 363,587 29 |
|-------------------------|---------------|

BALANCE SHEET AS AT DECEMBER 31, 1951

HARBOUR OF HALIFAX

ASSETS

| CURRENT—                                  |                      |
|---|----------------------|
| Cash on hand and on deposit with Receiver |                      |
| General of Canada.....                    | \$ 550,954 82        |
| Accounts Receivable.....                  | \$141,704 49         |
| Less—Reserve for Bad Debts.....           | 953 62               |
| Stores on hand.....                       | 140,750 87           |
| Accrued Revenue.....                      | 50,297 70            |
|   | 20,035 50            |
|   | <u>\$ 762,038 89</u> |
| CONTRACTORS' SECURITY DEPOSITS.....       | 352,979 67           |
| RESERVE FUNDS—                            |                      |
| Replacement Fund.....                     | 3,585,524 36         |
| Fire and General Insurance Fund.....      | 179,521 06           |
| Miscellaneous Funds.....                  | 5,197 50             |
|   | <u>3,770,242 92</u>  |
| PREPAID EXPENSES.....                     | 350 16               |
| CAPITAL SUSPENSE.....                     | 5,408 95             |

FIXED—

|                                      |                      |
|--------------------------------------|----------------------|
| Harbour Dredging.....                | 160,815 06           |
| Real Estate.....                     | 532,701 91           |
| Roads, Fences and Boundaries.....    | 240,375 91           |
| Sewers and Drains.....               | 60,611 27            |
| Miscellaneous Structures.....        | 28,387 08            |
| Wharves and Piers.....               | 18,793,363 43        |
| Permanent Sheds.....                 | 5,551,616 76         |
| Grain Elevator System.....           | 2,787,881 70         |
| Cold Storage System.....             | 1,913,735 47         |
| Office Furniture and Appliances..... | 34,892 43            |
| Central Heating Plants.....          | 69,381 05            |
| Electric Power System.....           | 8,409 40             |
| Water Supply System.....             | 101,477 86           |
| Floating Equipment.....              | 58,039 76            |
| Shore Equipment.....                 | 61,612 71            |
| Miscellaneous Small Plant.....       | 56,931 52            |
| Engineering—General Surveys.....     | 475,501 67           |
| Works under Construction.....        | 978,782 15           |
|                                      | <u>31,914,517 14</u> |

\$36,805,537 73

LIABILITIES AND PROPRIETARY EQUITY

| CURRENT—                                 |                      | LIABILITIES            |  |
|--|----------------------|------------------------|--|
| Accounts Payable.....                    | \$ 164,959 82        |                        |  |
| Salaries and Wages Payable.....          | 17,424 73            |                        |  |
| Matured Debentures due Public.....       | 4,500 00             |                        |  |
| Matured Interest due Public.....         | 697 80               |                        |  |
|  | <u>\$ 187,582 05</u> |                        |  |
| CONTRACTORS' SECURITY DEPOSITS.....      |                      | 352,979 67             |  |
| CONTRACTORS' HOLDBACKS—CONSTRUCTION..... |                      | 95,816 82              |  |
| ACCOUNTS PAYABLE—CONSTRUCTION.....       |                      | 132,466 27             |  |
| DEFERRED REVENUE.....                    |                      | 16,914 02              |  |
|  |                      | <u>785,758 83</u>      |  |
| GOVERNMENT OF CANADA—                    |                      | PROPRIETARY EQUITY     |  |
| Loans and Advances—                      |                      |                        |  |
| Non-Interest bearing.....                | \$15,966,800 47      |                        |  |
| Interest Bearing.....                    | 15,797,328 90        |                        |  |
| Accrued Interest.....                    | 1,920,949 14         |                        |  |
|  | <u>33,685,078 51</u> |                        |  |
| Reserves for—                            |                      |                        |  |
| Replacement.....                         | 3,585,260 38         |                        |  |
| Fire and General Insurance.....          | 179,521 06           |                        |  |
|  | <u>3,764,781 44</u>  |                        |  |
|  |                      | 37,449,859 95          |  |
| Deficit—                                 |                      |                        |  |
| As at Jan. 1, 1951.....                  | 1,066,493 76         |                        |  |
| Loss on 1951 Operations.....             | 363,587 29           |                        |  |
|  | <u>1,430,081 05</u>  |                        |  |
|  |                      | 36,019,778 90          |  |
|  |                      | <u>\$36,805,537 73</u> |  |

## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the North Shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. Here the Board operates 10 main wharves and piers having some 13,755 linear feet of berthing with available drafts alongside varying from 25 to 35 feet at extreme low water, and 18 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 868,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,500,000 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and 15-ton and 65-ton floating cranes are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 1,719                   | 2,395,124                    |
| 1950.....          | 1,606                   | 2,285,926                    |
| 1949.....          | 1,645                   | 2,337,215                    |
| 1948.....          | 1,655                   | 2,366,364                    |
| 1947.....          | 1,593                   | 2,341,455                    |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 1,713                   | 2,397,132                    |
| 1950.....          | 1,595                   | 2,252,988                    |
| 1949.....          | 1,652                   | 2,383,130                    |
| 1948.....          | 1,639                   | 2,372,140                    |
| 1947.....          | 1,602                   | 2,393,916                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 611                     | 1,677,426                    | 568                     | 1,716,124                    |
| Coastal or inland commercial (including fishery)..... | 1,076                   | 711,477                      | 988                     | 560,145                      |
| Other.....  | 32                      | 6,221                        | 50                      | 9,657                        |
| Total.....  | 1,719                   | 2,395,124                    | 1,606                   | 2,285,926                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 604                     | 1,678,633                    | 565                     | 1,683,229                    |
| Coastal or inland commercial (including fishery)..... | 1,076                   | 711,956                      | 982                     | 559,930                      |
| Other.....  | 33                      | 6,543                        | 48                      | 9,829                        |
| Total.....  | 1,713                   | 2,397,132                    | 1,595                   | 2,252,988                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1951.....        | 659,244   | 1,217,162 | 1,876,406 |
| 1950.....        | 713,918   | 928,617   | 1,642,535 |
| 1949.....        | 605,087   | 1,363,558 | 1,968,645 |
| 1948.....        | 590,021   | 1,622,886 | 2,212,907 |
| 1947.....        | 516,200   | 2,014,997 | 2,531,197 |
| <i>Domestic—</i> |           |           |           |
| 1951.....        | 369,485   | 111,674   | 481,159   |
| 1950.....        | 335,155   | 93,610    | 428,765   |
| 1949.....        | 347,762   | 99,488    | 447,250   |
| 1948.....        | 453,046   | 81,020    | 534,066   |
| 1947.....        | 392,876   | 89,633    | 482,509   |
| <i>Total—</i>    |           |           |           |
| 1951.....        | 1,028,729 | 1,328,836 | 2,357,565 |
| 1950.....        | 1,049,073 | 1,022,227 | 2,071,300 |
| 1949.....        | 952,849   | 1,463,046 | 2,415,895 |
| 1948.....        | 1,043,067 | 1,703,906 | 2,746,973 |
| 1947.....        | 909,076   | 2,104,630 | 3,013,706 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  |                | 357,250         | 357,250       | 316,604       |
| Flour, wheat.....   | 1              | 256,037         | 256,038       | 161,932       |
| Petroleum Oil, fuel.....  | 203,459        | 15,812          | 219,271       | 160,898       |
| Sugar, raw.....   | 184,148        | 176             | 184,324       | 197,540       |
| Gasoline.....   | 146,190        | 16,551          | 162,741       | 141,576       |
| Pulpwood.....   |                | 109,907         | 109,907       | 292           |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 7,786          | 73,179          | 80,965        | 72,677        |
| Motor Vehicles and Parts.....   | 66,427         | 8,598           | 75,025        | 157,126       |
| Fertilizers and Fertilizer Materials.....   | 51,172         | 1,201           | 52,373        | 71,771        |
| Paper, newsprint.....   |                | 50,677          | 50,677        | 38,506        |
| Iron or Steel Band, Bars not otherwise specified, Hoop,<br>Plates, Rods, Sheets, Skelp, Strip and Tin Plate.. | 41,769         | 840             | 42,609        | 14,559        |
| Wood-pulp.....  | 769            | 41,549          | 42,318        | 20,376        |
| Potatoes.....   | 66             | 40,172          | 40,238        | 71,778        |
| Asbestos and Asbestos Manufactures.....   | 700            | 37,179          | 37,879        | 35,476        |
| Logs, Masts, Piling, Pitprops, Poles, Spars and Ties<br>(railway).....  | 65             | 35,369          | 35,434        | 8,535         |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs.....                               | 463            | 31,068          | 31,531        | 20,261        |
| Machinery and Parts (except agricultural).....  | 14,189         | 8,595           | 22,784        | 17,477        |
| Glass and Glass Manufactures.....   | 21,060         | 553             | 21,613        | 18,543        |
| Coal, anthracite.....   | 19,611         | 149             | 19,760        | 21,713        |
| Ferro-alloys.....   | 26             | 17,914          | 17,940        | 16,622        |
| Copper, refined, in bars, billets, cakes, cathodes, ingots<br>or slabs.....                                   |                | 16,420          | 16,420        | 16,940        |
| Dry Goods not otherwise specified.....  | 12,979         | 412             | 13,391        | 16,514        |
| Iron or Steel, structural.....  | 12,891         | 8               | 12,899        | 4,148         |
| Chemicals not otherwise specified.....  | 7,472          | 5,098           | 12,570        | 9,160         |
| Molasses.....   | 9,970          | 182             | 10,152        | 10,295        |
| All Goods not otherwise specified.....  | 227,516        | 203,940         | 431,456       | 449,981       |
| Total.....  | 1,028,729      | 1,328,836       | 2,357,565     | 2,071,300     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1951.....         | 8,538  | 2,544    | 11,082  |
| 1950.....         | 2,795  | 3,190    | 5,985   |
| 1949.....         | 862    | 3,763    | 4,625   |
| 1948.....         | 984    | 1,788    | 2,772   |
| 1947.....         | 712    | 860      | 1,572   |
| <i>Coastwise—</i> |        |          |         |
| 1951.....         | 55,154 | 52,117   | 107,271 |
| 1950.....         | 35,836 | 34,407   | 70,243  |
| 1949.....         | 51,481 | 49,021   | 100,502 |
| 1948.....         | 53,273 | 51,142   | 104,415 |
| 1947.....         | 49,663 | 46,165   | 95,828  |
| <i>Total—</i>     |        |          |         |
| 1951.....         | 63,692 | 54,661   | 118,353 |
| 1950.....         | 38,631 | 37,597   | 76,228  |
| 1949.....         | 52,343 | 52,784   | 105,127 |
| 1948.....         | 54,257 | 52,930   | 107,187 |
| 1947.....         | 50,375 | 47,025   | 97,400  |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1951, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1951.....         |            | 11,888,939 | 11,888,939 |
| 1950.....         |            | 10,613,783 | 10,613,783 |
| 1949.....         |            | 14,024,281 | 14,024,281 |
| 1948.....         |            | 12,333,841 | 12,333,841 |
| 1947.....         |            | 13,596,926 | 13,596,926 |
| <i>Via rail—</i>  |            |            |            |
| 1951.....         | 12,789,414 | 566,221    | 13,355,635 |
| 1950.....         | 10,993,806 | 330,229    | 11,324,035 |
| 1949.....         | 14,634,883 | 295,385    | 14,930,268 |
| 1948.....         | 12,555,428 | 139,397    | 12,694,825 |
| 1947.....         | 13,417,203 | 162,479    | 13,579,682 |
| <i>Via other—</i> |            |            |            |
| 1951.....         |            |            |            |
| 1950.....         |            |            |            |
| 1949.....         |            |            |            |
| 1948.....         |            |            |            |
| 1947.....         |            | 109        | 109        |
| <i>Total—</i>     |            |            |            |
| 1951.....         | 12,789,414 | 12,455,160 | 25,244,574 |
| 1950.....         | 10,993,806 | 10,944,012 | 21,937,818 |
| 1949.....         | 14,634,883 | 14,319,666 | 28,954,549 |
| 1948.....         | 12,555,428 | 12,473,238 | 25,028,666 |
| 1947.....         | 13,417,203 | 13,759,514 | 27,176,717 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$204,821. The main items were dredging thirteen berths, eleven of which were dredged to a minimum depth of 30 feet, and two to 28 feet, at extreme low tide; repairs to timber trestle approaching berths 5, 6 and 7; refacing concrete wharf walls at berths 12 and 13; painting interior frames of sheds 6 and 7, and exteriors of

sheds 5, 6, 7 and 11 annex; repairing roofs of sheds 2 and 13; and painting exterior structural frames of grain shipping galleries 11, 12, 13 and shore galleries 101, 102, 105, S, S.5 and gallery towers B and C.

### REVENUES AND EXPENDITURES

Operating revenues amounted to \$728,649, as compared with \$627,860 in 1950, the increase being \$100,789. Operating and maintenance expenses showed an increase of \$64,927, the comparable figures being \$576,255 for 1951 and \$511,328 for 1950.

After taking into account income debits and credits, paying interest amounting to \$33,572 on debt to the public, and charging reserve for replacements and interest due the Government, there was a net income deficit of \$695,615, as against a deficit of \$677,434 in 1950.

#### INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|   |    |            |               |
|---|----|------------|---------------|
| OPERATING REVENUES—   |    |            |               |
| Harbour General   |    |            |               |
| Harbour Dues.....   | \$ | 17,160 66  |               |
| Miscellaneous.....  |    | 21,458 96  |               |
|   |    |            | \$ 38,619 62  |
| Wharves and Piers—  |    |            |               |
| Top Wharfage.....   |    | 417,882 70 |               |
| Dockage.....  |    | 125,794 65 |               |
| Miscellaneous.....  |    | 4 36       |               |
|   |    |            | 543,681 71    |
| Permanent Sheds—  |    |            |               |
| Shed Rentals.....   |    | 22,278 98  |               |
| Storage.....  |    | 22,846 41  |               |
| Miscellaneous.....  |    | 357 79     |               |
|   |    |            | 45,483 18     |
| Railway System.....   |    |            | 137 50        |
| Grain Elevator System—  |    |            |               |
| Receipts from joint operation.....                              |    |            | 39,699 34     |
| Miscellaneous Services—Outsiders.....                           |    |            | 61,027 36     |
|   |    |            | \$ 728,648 71 |
| OPERATING EXPENSES—   |    |            |               |
| Administration.....   |    |            | 76,087 34     |
| Operation and Maintenance—                                      |    |            |               |
| Harbour Dredging.....   |    | 74,542 18  |               |
| Harbour General.....  |    | 128,098 57 |               |
| Vehicular Bridges.....  |    | 946 87     |               |
| Roads, Fences and Boundaries.....                               |    | 10,023 79  |               |
| Sewers and Drains.....  |    | 1,079 04   |               |
| Wharves and Piers.....  |    | 71,092 66  |               |
| Permanent Sheds.....  |    | 118,326 81 |               |
| Grain Elevator System.....                                      |    | 14,207 94  |               |
| Miscellaneous Services—Outsiders.....                           |    | 81,850 23  |               |
|   |    |            | 500,168 09    |
|   |    |            | 576,255 43    |
| Operating Income.....   |    |            | 152,393 28    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         |    |            | 110,803 01    |
| MISCELLANEOUS INCOME CREDITS.....                               |    |            | 1 91          |
|   |    |            | 110,804 92    |
| Total Income.....   |    |            | 263,198 20    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |    |            |               |
| Income received from Reserve Funds transferred to Reserves..... |    | 110,803 01 |               |
| Miscellaneous Income Charges.....                               |    | 47,523 07  |               |
|   |    |            | 158,326 08    |
| Income Available for Interest due Public.....                   |    |            | 104,872 12    |
| INTEREST ON DEBT TO THE PUBLIC.....                             |    |            | 33,572 43     |
|   |    |            | 71,299 69     |
| OTHER INCOME REQUIREMENTS—                                      |    |            |               |
| Reserve for Replacements.....                                   |    | 200,000 00 |               |
| Interest due Government.....                                    |    | 566,914 31 |               |
|   |    |            | 766,914 31    |
| Net Income Deficit.....   | \$ |            | 695,614 62    |

## Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1951

## ASSETS

|  |                 |
|--|-----------------|
| <b>CURRENT—</b>                            |                 |
| Cash on hand and on deposit with Receiver  | \$ 283,133 94   |
| General of Canada.....                     | \$ 67,556 20    |
| Accounts Receivable.....                   | 169 87          |
| Less—Reserve for Bad Debts.....            |                 |
| Stores on Hand.....                        | 67,386 33       |
| Accrued Revenue.....                       | 28,291 81       |
|  | 20,719 45       |
|  | \$ 399,531 53   |
| <b>CONTRACTORS' SECURITY DEPOSITS.....</b> | <b>9,060 00</b> |
| <b>RESERVE FUNDS—</b>                      |                 |
| Replacement Fund.....                      | 3,703,024 18    |
| Fire and General Insurance Fund.....       | 197,771 61      |
|  | 3,900,795 79    |
| <b>PREPAID EXPENSES.....</b>               | <b>486 93</b>   |
| <b>CAPITAL SUSPENSE.....</b>               | <b>8,712 02</b> |
| <b>FIXED—</b>                              |                 |
| Harbour Dredging.....                      | 955,090 54      |
| Real Estate.....                           | 1,822,575 79    |
| Vehicular Bridges.....                     | 30,107 37       |
| Roads, Fences and Boundaries.....          | 150,969 66      |
| Wharves and Piers.....                     | 16,407,824 27   |
| Permanent Sheds.....                       | 3,431,573 88    |
| Railway System.....                        | 192,660 57      |
| Grain Elevator System.....                 | 4,279,018 94    |
| Office Furniture and Appliances.....       | 9,326 15        |
| Harbour Buildings.....                     | 60,486 49       |
| Central Heating Plants.....                | 57,182 39       |
| Water Supply System.....                   | 14,315 67       |
| Floating Equipment.....                    | 201,999 68      |
| Shore Equipment.....                       | 119,755 50      |
| Miscellaneous Small Plant.....             | 14,181 10       |
|  | 27,747,068 00   |
|  | \$32,065,654 27 |

## LIABILITIES AND PROPRIETARY EQUITY

|   |                   |
|---|-------------------|
| <b>CURRENT—</b>                                     |                   |
| Accounts Payable.....                               | \$ 128,964 03     |
| Salaries and Wages Payable.....                     | 9,937 14          |
| Accrued Interest due Public.....                    | 14,012 93         |
|   | \$ 152,914 10     |
| <b>DEBENTURE INDEBTEDNESS TO PUBLIC.....</b>        | <b>671,282 35</b> |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.....</b>   | <b>9,060 00</b>   |
| <b>DEFERRED REVENUE.....</b>                        | <b>6,143 40</b>   |
|   | 839,399 85        |
| <b>PROPRIETARY EQUITY</b>                           |                   |
| <b>GOVERNMENT OF CANADA—</b>                        |                   |
| Loans and Advances—                                 |                   |
| Non-interest bearing.....                           | \$6,649,054 90    |
| Interest bearing.....                               | 20,622,841 38     |
| Accrued Interest.....                               | 5,667,333 50      |
|   | 32,939,229 78     |
| Reserves for—                                       |                   |
| Replacement.....                                    | 3,903,024 18      |
| Fire and General Insurance...                       | 197,771 61        |
|   | 4,100,795 79      |
|   | 37,040,025 57     |
| <b>Deficit:</b>                                     |                   |
| As at Jan. 1, 1951.....                             | 5,218,156 53      |
| Loss on 1951 Operations.....                        | 695,614 62        |
|   | 5,913,771 15      |
| Less Grant <i>re</i> Grain Handling facilities..... | 100,000 00        |
|   | 5,813,771 15      |
|   | 31,226,254 42     |
|   | \$32,065,654 27   |

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the Board include 2,500 linear feet of wharf accommodating ships of 26 feet draft, a concrete fireproof shed, 400 feet by 60 feet, a frame shed, 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |
| 1947.....          | 142                     | 122,571                      |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |
| 1947.....          | 141                     | 122,566                      |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|  | 1951                    |                              | 1950                    |                              |
|--|-------------------------|------------------------------|-------------------------|------------------------------|
|  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                     |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 51                      | 77,885                       | 32                      | 51,165                       |
| Coastal or inland commercial (including fishery).... | 152                     | 76,982                       | 154                     | 74,287                       |
| Other.....   | 24                      | 1,672                        | 21                      | 1,427                        |
| Total.....   | 227                     | 156,539                      | 207                     | 126,879                      |
| <i>Departures—</i>                                   |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 51                      | 77,885                       | 32                      | 51,165                       |
| Coastal or inland commercial (including fishery).... | 152                     | 76,982                       | 154                     | 74,287                       |
| Other.....   | 24                      | 1,672                        | 21                      | 1,427                        |
| Total.....   | 227                     | 156,539                      | 207                     | 126,879                      |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1951.....        | 27,095  | .....   | 27,095  |
| 1950.....        | 34,981  | .....   | 34,981  |
| 1949.....        | 23,236  | .....   | 23,236  |
| 1948.....        | 35,837  | .....   | 35,837  |
| 1947.....        | 50,240  | .....   | 50,240  |
| <i>Domestic—</i> |         |         |         |
| 1951.....        | 233,015 | 7,155   | 240,170 |
| 1950.....        | 159,827 | 6,526   | 166,353 |
| 1949.....        | 128,401 | 3,953   | 132,354 |
| 1948.....        | 188,271 | 1,762   | 190,033 |
| 1947.....        | 131,806 | 2,386   | 134,192 |
| <i>Total—</i>    |         |         |         |
| 1951.....        | 260,110 | 7,155   | 267,265 |
| 1950.....        | 194,808 | 6,526   | 201,334 |
| 1949.....        | 151,637 | 3,953   | 155,590 |
| 1948.....        | 224,108 | 1,762   | 225,870 |
| 1947.....        | 182,046 | 2,386   | 184,432 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Coal, bituminous.....  | 168,194        | .....           | 168,194       | 122,411       |
| Gasoline.....  | 42,317         | .....           | 42,317        | 28,719        |
| Petroleum Oil, fuel.....                                       | 25,639         | .....           | 25,639        | 15,858        |
| Coal, anthracite.....  | 10,567         | .....           | 10,567        | 9,554         |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber..... | 949            | 3,678           | 4,627         | 4,212         |
| Sulphur.....   | 3,466          | .....           | 3,466         | 7,059         |
| Pulpwood.....  | .....          | 3,172           | 3,172         | .....         |
| Kerosene.....  | 2,455          | .....           | 2,455         | .....         |
| Cement, common or portland.....                                | 1,283          | .....           | 1,283         | 1,012         |
| Feed, animal or poultry, not otherwise specified.....          | 437            | .....           | 437           | .....         |
| Molasses.....  | 346            | .....           | 346           | .....         |
| Potatoes.....  | 306            | .....           | 821           | 821           |
| Concrete Blocks.....   | .....          | 295             | 295           | 994           |
| All Goods not otherwise specified.....                         | 4,151          | 10              | 4,161         | 10,694        |
| Total.....   | 260,110        | 7,155           | 267,265       | 201,334       |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1951.....         |        |          |        |
| 1950.....         |        |          |        |
| 1949.....         |        |          |        |
| 1948.....         |        |          |        |
| 1947.....         |        |          |        |
| <i>Coastwise—</i> |        |          |        |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |
| 1947.....         | 5,775  | 5,779    | 11,554 |
| <i>Total—</i>     |        |          |        |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |
| 1947.....         | 5,775  | 5,779    | 11,554 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$12,198, consisting of general maintenance of wharves, sheds, railway tracks, roads and water system.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$82,417, as compared with \$69,816 in 1950. Expenses of operation and maintenance were \$29,185, the corresponding figure in 1950 being \$22,172.

After charging reserve for replacements and interest on debt to the Government, there was a net income deficit of \$83,548, as compared with a deficit of \$88,555 in 1950.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

## OPERATING REVENUES—

## Harbour General—

|                    |    |                   |             |
|--------------------|----|-------------------|-------------|
| Harbour Dues.....  | \$ | 857 93            |             |
| Miscellaneous..... |    | 415 00            |             |
|                    |    | <u>          </u> | \$ 1,272 93 |

## Wharves and Piers—

|                    |  |                   |           |
|--------------------|--|-------------------|-----------|
| Top Wharfage.....  |  | 30,444 59         |           |
| Dockage.....       |  | 4,078 39          |           |
| Miscellaneous..... |  | 40,456 33         |           |
|                    |  | <u>          </u> | 74,979 31 |

## Permanent Sheds—

|                   |  |                   |          |
|-------------------|--|-------------------|----------|
| Shed Rentals..... |  | 1,435 00          |          |
| Storage.....      |  | 3,514 25          |          |
|                   |  | <u>          </u> | 4,949 25 |

|                                       |  |                   |              |
|---------------------------------------|--|-------------------|--------------|
| Miscellaneous Services—Outsiders..... |  | 1,215 13          |              |
|                                       |  | <u>          </u> | \$ 82,416 62 |

## OPERATING EXPENSES—

|                     |  |          |  |
|---------------------|--|----------|--|
| Administration..... |  | 8,801 82 |  |
|---------------------|--|----------|--|

## Operation and Maintenance—

|                                       |  |                   |           |
|---------------------------------------|--|-------------------|-----------|
| Harbour Dredging.....                 |  |                   |           |
| Harbour General.....                  |  | 4,476 33          |           |
| Roads, Fences and Boundaries.....     |  | 545 61            |           |
| Wharves and Piers.....                |  | 10,593 25         |           |
| Permanent Sheds.....                  |  | 1,635 75          |           |
| Railway System.....                   |  | 2,761 20          |           |
| Miscellaneous Services-Outsiders..... |  | 371 39            |           |
|                                       |  | <u>          </u> | 20,383 53 |

29,185 35

|                       |  |  |           |
|-----------------------|--|--|-----------|
| Operating Income..... |  |  | 53,231 27 |
|-----------------------|--|--|-----------|

|   |  |  |          |
|---|--|--|----------|
| INCOME RECEIVED FROM RESERVE FUNDS..... |  |  | 6,507 10 |
|---|--|--|----------|

|                   |  |  |           |
|-------------------|--|--|-----------|
| Total Income..... |  |  | 59,738 37 |
|-------------------|--|--|-----------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |  |                   |           |
|---|--|-------------------|-----------|
| Income received from Reserve Funds transferred to Reserves..... |  | 6,507 10          |           |
| Miscellaneous Income Charges.....                               |  | 1,945 20          |           |
|   |  | <u>          </u> | 8,452 30  |
|   |  |                   | 51,286 07 |

## OTHER INCOME REQUIREMENTS—

|                               |  |                   |            |
|-------------------------------|--|-------------------|------------|
| Reserve for Replacements..... |  | 30,000 00         |            |
| Interest due Government.....  |  | 104,834 44        |            |
|                               |  | <u>          </u> | 134,834 44 |

|                         |  |  |              |
|-------------------------|--|--|--------------|
| Net Income Deficit..... |  |  | \$ 83,548 37 |
|-------------------------|--|--|--------------|

HARBOUR OF CHICOUTIMI  
BALANCE SHEET AS AT DECEMBER 31, 1951

## HARBOUR OF CHICOUTIMI

33

| ASSETS  |                |
|---|----------------|
| CURRENT—  |                |
| Cash on hand and on deposit with Receiver General of Canada..... \$ | 24,736 46      |
| Accounts Receivable.....  | 6,315 78       |
| Stores on Hand.....   | 3,200 46       |
| \$  | 34,252 70      |
| <hr/>   |                |
| RESERVE FUNDS—  |                |
| Replacement Fund.....   | 273,353 12     |
| Fire and General Insurance.....                                     | 15,390 16      |
|   | <hr/>          |
| PREFRAID EXPENSES.....  | 583 82         |
|   | <hr/>          |
| FIXED—  |                |
| Harbour Dredging.....   | 445,827 58     |
| Real Estate.....  | 35,625 67      |
| Roads, Fences and Boundaries.....                                   | 115,905 86     |
| Sewers and Drains.....  | 165,653 09     |
| Wharves and Piers.....  | 3,257,200 29   |
| Permanent Sheds.....  | 124,083 29     |
| Railway System.....   | 38,599 51      |
| Office Furniture and Appliances.....                                | 4,906 54       |
| Electric Power System.....  | 4,472 90       |
| Water Supply System.....  | 16,759 19      |
| Floating Equipment.....   | 3,436 61       |
| Shore Equipment.....  | 987 92         |
| Miscellaneous Small Plant.....                                      | 2,181 26       |
| Engineering—General Surveys.....                                    | 18,375 66      |
|   | <hr/>          |
|   | 4,284,015 56   |
|   | <hr/>          |
|   | \$4,557,595 36 |

| LIABILITIES AND PROPRIETARY EQUITY |                |
|------------------------------------|----------------|
| CURRENT—                           |                |
| Accounts Payable..... \$           | 1,768 60       |
| Salaries and Wages Payable.....    | 19 20          |
| \$                                 | 1,787 80       |
|                                    | <hr/>          |
| DEFERRED REVENUE.....              | 2,616 71       |
|                                    | <hr/>          |
|                                    | 4,404 51       |
| <hr/>                              |                |
| PROPRIETARY EQUITY                 |                |
| <hr/>                              |                |
| GOVERNMENT OF CANADA—              |                |
| Loans and Advances—                |                |
| Non-interest bearing..... \$       | 459,398 32     |
| Interest bearing.....              | 3,812,161 20   |
| Accrued Interest.....              | 1,896,794 54   |
|                                    | <hr/>          |
|                                    | 6,168,354 06   |
| <hr/>                              |                |
| Reserves for—                      |                |
| Replacement.....                   | 492,141 41     |
| Fire and General Insurance....     | 15,390 16      |
|                                    | <hr/>          |
|                                    | 507,531 57     |
| <hr/>                              |                |
| Deficit—                           |                |
| As at Jan. 1, 1951.....            | 2,039,146 41   |
| Loss on 1951 Operations.....       | 83,548 37      |
|                                    | <hr/>          |
|                                    | 2,122,694 78   |
|                                    | <hr/>          |
|                                    | 4,553,190 85   |
|                                    | <hr/>          |
|                                    | \$4,557,595 36 |



## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the Board include 4 main piers and wharves having 20,425 linear feet of berthing, 10 transit sheds with a total floor area of 743,642 square feet, 23 miles of standard gauge terminal railway, connected with both Canadian railways, a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries with a loading capacity of 90,000 bushels per hour, 3 marine towers for unloading boats, also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish house with a capacity of 1,000,000 pounds, a floating crane of 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 4,684                   | 4,714,577                    |
| 1950.....          | 4,512                   | 4,484,885                    |
| 1949.....          | 4,203                   | 4,178,588                    |
| 1948.....          | 4,320                   | 3,702,612                    |
| 1947.....          | 4,191                   | 2,902,654                    |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 4,695                   | 4,712,979                    |
| 1950.....          | 4,515                   | 4,481,129                    |
| 1949.....          | 4,197                   | 4,178,427                    |
| 1948.....          | 4,311                   | 3,695,640                    |
| 1947.....          | 4,179                   | 2,909,884                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 585                     | 2,853,799                    | 534                     | 2,548,550                    |
| Coastal or inland commercial (including fishery)..... | 3,974                   | 1,829,016                    | 3,904                   | 1,915,189                    |
| Other.....  | 125                     | 31,762                       | 74                      | 21,146                       |
| Total.....  | 4,684                   | 4,714,577                    | 4,512                   | 4,484,885                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 585                     | 2,853,799                    | 536                     | 2,553,012                    |
| Coastal or inland commercial (including fishery)..... | 3,992                   | 1,833,864                    | 3,900                   | 1,909,137                    |
| Other.....  | 118                     | 25,316                       | 79                      | 18,980                       |
| Total.....  | 4,695                   | 4,712,979                    | 4,515                   | 4,481,129                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1951.....        | 117,834   | 790,658 | 908,492   |
| 1950.....        | 74,278    | 350,643 | 424,921   |
| 1949.....        | 40,905    | 316,440 | 357,345   |
| 1948.....        | 44,644    | 169,067 | 213,711   |
| 1947.....        | 24,594    | 183,730 | 208,324   |
| <i>Domestic—</i> |           |         |           |
| 1951.....        | 1,831,165 | 73,293  | 1,904,458 |
| 1950.....        | 1,757,544 | 78,815  | 1,836,359 |
| 1949.....        | 1,468,260 | 49,746  | 1,518,006 |
| 1948.....        | 1,579,244 | 57,415  | 1,636,659 |
| 1947.....        | 1,507,565 | 139,129 | 1,646,694 |
| <i>Total</i>     |           |         |           |
| 1951.....        | 1,948,999 | 863,951 | 2,812,950 |
| 1950.....        | 1,831,822 | 429,458 | 2,261,280 |
| 1949.....        | 1,509,165 | 366,186 | 1,875,351 |
| 1948.....        | 1,623,888 | 226,482 | 1,850,370 |
| 1947.....        | 1,532,159 | 322,859 | 1,855,018 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1951   | Outward<br>1951 | Total<br>1951    | Total<br>1950    |
|---|------------------|-----------------|------------------|------------------|
|   | (Tons)           | (Tons)          | (Tons)           | (Tons)           |
| Coal, bituminous.....   | 621,881          | 3,045           | 624,926          | 618,170          |
| Grain.....  | 49,444           | 559,437         | 608,881          | 259,543          |
| Pulpwood.....   | 536,868          | 14,260          | 551,128          | 417,109          |
| Petroleum Oil, fuel.....  | 365,290          | 1,138           | 366,428          | 328,979          |
| Gasoline.....   | 206,867          | 10,621          | 217,488          | 209,151          |
| Asbestos and Asbestos Manufactures.....                                   | .....            | 83,151          | 83,151           | 75,811           |
| Cement, common or portland.....   | 57,862           | 1,473           | 59,335           | 59,491           |
| Wood-pulp.....  | 1,798            | 40,681          | 42,479           | 8,868            |
| Ores and Concentrates not otherwise specified.....                        | 1,671            | 39,910          | 41,581           | 61,948           |
| Paper, newsprint.....   | .....            | 33,197          | 33,197           | 31,028           |
| Coal, anthracite.....   | 27,982           | .....           | 27,982           | 47,271           |
| Sulphur.....  | 19,828           | .....           | 19,828           | 18,373           |
| Lumber (Planks, Boards and Flooring) and Square Timber.....               | 7,872            | 9,380           | 17,252           | 23,896           |
| Flour, wheat.....   | .....            | 15,121          | 15,121           | 16,436           |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet bars or slabs..... | 8,187            | 3,552           | 11,739           | 6,742            |
| Food-stuffs, canned or preserved, not otherwise specified.....            | 5,915            | 2,140           | 8,055            | 4,986            |
| Fertilizers and Fertilizer Materials.....                                 | 6,102            | 969             | 7,071            | 6,528            |
| Groceries not otherwise specified.....                                    | 14               | 5,893           | 5,907            | .....            |
| Molasses.....   | 4,130            | 275             | 4,405            | 5,122            |
| Beverages, alcoholic.....   | 2,086            | 433             | 2,519            | 2,497            |
| Grain Products (Mill Products except Wheat Flour)...                      | 37               | 2,418           | 2,455            | 2,016            |
| Brick.....  | 1,467            | 950             | 2,417            | .....            |
| Glass and Glass Manufactures.....   | 2,254            | 55              | 2,309            | 3,500            |
| Pulpboard (except Wallboard).....   | 349              | 1,789           | 2,138            | .....            |
| Rock and Stone.....   | 1,429            | 597             | 2,026            | 704              |
| All Goods not otherwise specified.....                                    | 19,666           | 33,466          | 53,132           | 53,111           |
| <b>Total.....</b>   | <b>1,948,999</b> | <b>863,951</b>  | <b>2,812,950</b> | <b>2,261,280</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1951.....         | 56,542 | 22,949   | 79,491  |
| 1950.....         | 30,092 | 20,239   | 50,331  |
| 1949.....         | 24,802 | 11,403   | 36,205  |
| 1948.....         | 18,660 | 377      | 19,037  |
| 1947.....         | 199    | 56       | 255     |
| <i>Coastwise—</i> |        |          |         |
| 1951.....         | 10,580 | 11,790   | 22,370  |
| 1950.....         | 14,685 | 9,007    | 23,692  |
| 1949.....         | 26,859 | 23,892   | 50,751  |
| 1948.....         | 51,299 | 38,193   | 89,492  |
| 1947.....         | 37,872 | 33,007   | 70,879  |
| <i>Total—</i>     |        |          |         |
| 1951.....         | 67,122 | 34,739   | 101,861 |
| 1950.....         | 44,777 | 29,246   | 74,023  |
| 1949.....         | 51,661 | 35,295   | 86,956  |
| 1948.....         | 69,959 | 38,570   | 108,529 |
| 1947.....         | 38,071 | 33,063   | 71,134  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1951, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1951.....         | 1,614,526  | 20,859,798 | 22,474,324 |
| 1950.....         | 2,827,696  | 6,385,368  | 9,213,064  |
| 1949.....         | 2,917,268  | 6,191,310  | 9,108,578  |
| 1948.....         | 129,966    |            | 129,966    |
| 1947.....         |            |            |            |
| <i>Via rail—</i>  |            |            |            |
| 1951.....         | 20,614,040 | 637,972    | 21,252,012 |
| 1950.....         | 4,943,132  | 1,418,538  | 6,361,670  |
| 1949.....         | 5,996,993  | 632,653    | 6,629,646  |
| 1948.....         | 661,668    | 100,939    | 762,607    |
| 1947.....         | 425,122    | 34,778     | 459,900    |
| <i>Via other—</i> |            |            |            |
| 1951.....         |            | 710,949    | 710,949    |
| 1950.....         | 646        | 1,262,894  | 1,263,540  |
| 1949.....         | 1,329      | 618,759    | 620,088    |
| 1948.....         | 1,452      | 658,698    | 660,150    |
| 1947.....         | 23,451     | 349,547    | 372,998    |
| <i>Total—</i>     |            |            |            |
| 1951.....         | 22,228,566 | 22,208,719 | 44,437,285 |
| 1950.....         | 7,771,474  | 9,066,801  | 16,838,275 |
| 1949.....         | 8,915,590  | 7,442,722  | 16,358,312 |
| 1948.....         | 793,086    | 759,637    | 1,552,723  |
| 1947.....         | 448,573    | 384,325    | 832,898    |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1951, with comparison for 1950.

|  | 1951   | 1950   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 21,357 | 10,310 |
| Non-revenue cars.....  | 10,926 | 11,198 |
| Total.....   | 32,283 | 21,508 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,149 | 12,208 |
| Non-revenue cars.....  | 20,040 | 9,259  |
| Total.....   | 32,189 | 21,467 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 213    | 217    |
| Non-revenue cars.....  | 213    | 217    |
| Total.....   | 426    | 434    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 33,719 | 22,735 |
| Non-revenue cars.....  | 31,179 | 20,674 |
| Total.....   | 64,898 | 43,409 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$262,168. In addition, \$150,000 was charged as reserve for maintenance dredging deferred to 1952. The main items of work were the completion of conversion of floating crane no. 1 from coal to oil burning; painting of steel work and replacement of rails, ties and timbers on the railway bascule bridge; sheathing the east wall of the cold storage main warehouse with aluminum; strengthening quay wall at the cold storage plant; renewing fixed fender at the north-east corner of pier no. 1; replacement of electric cable at the grain elevator; and renewal of pavement east and west of shed "A", Wolfe's Cove terminals.

## CAPITAL WORKS

Capital expenditure amounted to \$27,254. The work consisted of installation of a new electrical switchboard for the grain elevator, paving of a roadway east of shed no. 20 and the construction of an office in shed "A" for use by customs officers.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,415,577, as compared with \$978,667 in 1950, showing the notable increase of \$436,910. The improvement was due in large part to unusually heavy grain shipments. Another factor was increased ocean passenger traffic, due to immigration. Operating and maintenance expenses were \$1,217,085, as compared with \$818,594 in 1950, the increase being \$398,491.

Net income deficit, after all charges, was \$833,808, the corresponding figure for the previous year being \$834,853.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 28,028 95 |              |
| Miscellaneous..... | 48,913 39    |              |
|                    |              | \$ 76,942 34 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 257,692 46 |            |
| Dockage.....       | 121,978 64 |            |
| Miscellaneous..... | 56,495 31  |            |
|                    |            | 436,166 41 |

## Permanent Sheds—

|                   |           |           |
|-------------------|-----------|-----------|
| Shed Rentals..... | 19,744 65 |           |
| Storage.....      | 8,187 68  |           |
|                   |           | 27,932 33 |

|                     |  |            |
|---------------------|--|------------|
| Railway System..... |  | 212,973 65 |
|---------------------|--|------------|

## Grain Elevator System—

|                    |            |            |
|--------------------|------------|------------|
| Elevation.....     | 326,359 15 |            |
| Storage.....       | 118,543 94 |            |
| Miscellaneous..... | 17,126 15  |            |
|                    |            | 462,029 24 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 112,221 05 |            |
| Miscellaneous..... | 15,528 01  |            |
|                    |            | 127,749 06 |

|                                       |  |           |
|---------------------------------------|--|-----------|
| Miscellaneous Services—Outsiders..... |  | 71,784 36 |
|---------------------------------------|--|-----------|

\$1,415,577 39

## OPERATING EXPENSES—

|                     |               |  |
|---------------------|---------------|--|
| Administration..... | \$ 126,970 64 |  |
|---------------------|---------------|--|

## Operating and Maintenance—

|                                       |               |              |
|---------------------------------------|---------------|--------------|
| Harbour Dredging.....                 | \$ 150,000 00 |              |
| Harbour General.....                  | 172,589 06    |              |
| Vehicular Bridges.....                | 6,648 67      |              |
| Roads, Fences and Boundaries.....     | 6,554 03      |              |
| Sewers and Drains.....                | 237 04        |              |
| Wharves and Piers.....                | 66,544 09     |              |
| Permanent Sheds.....                  | 45,793 89     |              |
| Railway System.....                   | 148,732 16    |              |
| Grain Elevator System.....            | 315,138 71    |              |
| Cold Storage System.....              | 122,537 20    |              |
| Miscellaneous Services—Outsiders..... | 55,339 34     |              |
|                                       |               | 1,090,114 19 |

1,217,084 83

|                       |  |            |
|-----------------------|--|------------|
| Operating Income..... |  | 198,492 56 |
|-----------------------|--|------------|

|   |           |  |
|---|-----------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 25,514 11 |  |
|---|-----------|--|

|                                   |          |  |
|-----------------------------------|----------|--|
| MISCELLANEOUS INCOME CREDITS..... | 1,828 54 |  |
|-----------------------------------|----------|--|

27,342 65

|                   |  |            |
|-------------------|--|------------|
| Total Income..... |  | 225,835 21 |
|-------------------|--|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |           |           |
|---|-----------|-----------|
| Income received from Reserve Funds transferred to Reserves..... | 25,514 11 |           |
| Reserve for Bad Debts.....                                      | 79 51     |           |
| Delayed Income Charges.....                                     | 44,235 43 |           |
| Miscellaneous Income Charges.....                               | 1,715 37  |           |
|   |           | 71,544 42 |

154,290 79

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 200,000 00 |            |
| Interest due Government.....  | 788,099 20 |            |
|                               |            | 988,099 20 |

|                         |  |               |
|-------------------------|--|---------------|
| Net Income Deficit..... |  | \$ 833,808 41 |
|-------------------------|--|---------------|

Harbour of Quebec  
BALANCE SHEET AS AT DECEMBER 31, 1951

## 39

[illegible]

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice rivers, about 81 miles below Montreal. It is open to navigation for about  $7\frac{1}{2}$  months in the year. The facilities operated by the Board include three main wharves having some 7,650 linear feet of berthing with a minimum water depth of 30 feet alongside and nine transit sheds with a total floor area of about 192,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 2,778                   | 2,240,812                    |
| 1950.....          | 2,434                   | 2,405,539                    |
| 1949.....          | 2,200                   | 2,241,825                    |
| 1948.....          | 2,243                   | 2,258,358                    |
| 1947.....          | 2,217                   | 1,713,516                    |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 2,774                   | 2,240,513                    |
| 1950.....          | 2,434                   | 2,405,509                    |
| 1949.....          | 2,192                   | 2,241,371                    |
| 1948.....          | 2,243                   | 2,258,358                    |
| 1947.....          | 2,217                   | 1,713,516                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 221                     | 709,559                      | 231                     | 823,712                      |
| Coastal or inland commercial (including fishery)..... | 2,526                   | 1,517,334                    | 2,173                   | 1,568,759                    |
| Other.....  | 31                      | 13,919                       | 30                      | 13,068                       |
| Total.....  | 2,778                   | 2,240,812                    | 2,434                   | 2,405,539                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 221                     | 709,559                      | 231                     | 823,712                      |
| Coastal or inland commercial (including fishery)..... | 2,522                   | 1,517,035                    | 2,173                   | 1,568,729                    |
| Other.....  | 31                      | 13,919                       | 30                      | 13,068                       |
| Total.....  | 2,774                   | 2,240,513                    | 2,434                   | 2,405,509                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1951.....        | 358,319   | 537,663 | 895,982   |
| 1950.....        | 374,273   | 549,231 | 923,504   |
| 1949.....        | 120,936   | 343,468 | 464,404   |
| 1948.....        | 350,995   | 349,585 | 700,580   |
| 1947.....        | 340,025   | 563,515 | 903,540   |
| <i>Domestic—</i> |           |         |           |
| 1951.....        | 2,278,674 | 19,358  | 2,298,032 |
| 1950.....        | 1,835,199 | 17,511  | 1,852,710 |
| 1949.....        | 1,807,043 | 5,565   | 1,812,608 |
| 1948.....        | 1,858,889 | 8,541   | 1,867,430 |
| 1947.....        | 1,692,310 | 12,279  | 1,704,589 |
| <i>Total—</i>    |           |         |           |
| 1951.....        | 2,636,993 | 557,021 | 3,194,014 |
| 1950.....        | 2,209,472 | 566,742 | 2,776,214 |
| 1949.....        | 1,927,979 | 349,033 | 2,277,012 |
| 1948.....        | 2,209,884 | 358,126 | 2,568,010 |
| 1947.....        | 2,032,335 | 575,794 | 2,608,129 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Pulpwood.....   | 1,617,867      | .....           | 1,617,867     | 1,198,560     |
| Grain.....  | 308,599        | 358,843         | 667,442       | 739,358       |
| Coal, bituminous.....   | 492,509        | .....           | 492,509       | 467,923       |
| Paper, newsprint.....   | .....          | 130,242         | 130,242       | 136,350       |
| Petroleum Oil, fuel.....  | 105,148        | 6,918           | 112,066       | 86,067        |
| Gasoline.....   | 36,535         | 1,613           | 38,148        | 30,206        |
| Asbestos and Asbestos Manufactures.....   | .....          | 19,495          | 19,495        | .....         |
| Sulphur.....  | 18,551         | .....           | 18,551        | 22,942        |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs.....    | 11,463         | .....           | 11,463        | 5,579         |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                  | 9,111          | 1,815           | 10,926        | 9,261         |
| Sand and Gravel.....  | .....          | 7,800           | 7,800         | 5,368         |
| Clay.....   | 7,481          | .....           | 7,481         | 4,772         |
| Acetic Acid.....  | .....          | 4,479           | 4,479         | 4,075         |
| Calcium Carbide.....  | .....          | 3,787           | 3,787         | 5,599         |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs..... | .....          | 3,730           | 3,730         | .....         |
| Cement, common or portland.....   | 2,400          | .....           | 2,400         | 3,650         |
| Coal, anthracite.....   | 2,210          | .....           | 2,210         | 6,184         |
| Aluminum Manufactures not otherwise specified.....                              | .....          | 1,676           | 1,676         | 5,971         |
| All Goods not otherwise specified.....  | 23,786         | 16,623          | 40,409        | 42,671        |
| TOTAL.....  | 2,636,993      | 557,021         | 3,194,014     | 2,776,214     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1951, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1951.....         | 10,292,700 | 11,987,698 | 22,280,398 |
| 1950.....         | 11,851,175 | 13,264,034 | 25,115,209 |
| 1949.....         | 9,029,636  | 7,415,195  | 16,444,831 |
| 1948.....         | 6,408,216  | 8,238,337  | 14,646,553 |
| 1947.....         | 10,945,323 | 12,566,357 | 23,511,680 |
| <i>Via rail—</i>  |            |            |            |
| 1951.....         | 1,925,798  | 2,000      | 1,927,798  |
| 1950.....         | 99,948     | 33,000     | 132,948    |
| 1949.....         | 1,994      | 1,000      | 2,994      |
| 1948.....         | 1,825,912  | 3,000      | 1,828,912  |
| 1947.....         | 1,870,237  | .....      | 1,870,237  |
| <i>Via other—</i> |            |            |            |
| 1951.....         | 579        | 177,534    | 178,113    |
| 1950.....         | 223        | 110,892    | 111,115    |
| 1949.....         | .....      | 7,610      | 7,610      |
| 1948.....         | .....      | 40,092     | 40,092     |
| 1947.....         | .....      | 160,765    | 160,765    |
| <i>Total—</i>     |            |            |            |
| 1951.....         | 12,219,077 | 12,167,232 | 24,386,309 |
| 1950.....         | 11,951,346 | 13,407,926 | 25,359,272 |
| 1949.....         | 9,031,630  | 7,423,805  | 16,455,435 |
| 1948.....         | 8,234,128  | 8,281,429  | 16,515,557 |
| 1947.....         | 12,815,560 | 12,727,122 | 25,542,682 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$9,217. The principal items were dredging sections 18 and 19 to a depth of 31 feet, welding bollards on the wharves from sections 8 to 13, repairs to hydrants, and installation of a drain at section 13.

## CAPITAL WORKS

Capital expenditure amounted to \$2,542, consisting of paving a storage area at shed 10.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$296,923, as compared with \$265,209 in 1950, an increase of \$31,714. Operating and maintenance expenses were \$37,168, as against \$64,159 in 1950, a decrease of \$26,991.

After charging interest and reserve for replacements, there was a net income surplus of \$79,664, as compared with a surplus of \$20,996 in 1950.

## HARBOUR OF THREE RIVERS

43

## INCOME STATEMENT FOR THE CALANDAR YEAR 1951

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 11,263 35 |              |
| Miscellaneous..... | 1,007 64     |              |
|                    |              | \$ 12,270 99 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 132,074 71 |            |
| Dockage.....       | 38,745 01  |            |
| Miscellaneous..... | 52,692 49  |            |
|                    |            | 223,512 21 |

Permanent Sheds—Shed Rentals..... 58,660 91

Miscellaneous Services—Outsiders..... 2,479 06

\$ 296,923 17

## OPERATING EXPENSES—

Administration..... 21,862 02

## Operation and Maintenance—

|                                       |          |           |
|---------------------------------------|----------|-----------|
| Harbour Dredging.....                 | 3,108 75 |           |
| Harbour General.....                  | 5,263 63 |           |
| Roads, Fences and Boundaries.....     | 53 46    |           |
| Wharves and Piers.....                | 3,906 59 |           |
| Permanent Sheds.....                  | 2,142 63 |           |
| Miscellaneous Services—Outsiders..... | 831 30   |           |
|                                       |          | 15,306 36 |

37,168 38

Operating Income..... 259,754 79

INCOME RECEIVED FROM RESERVE FUNDS..... 42,005 11

MISCELLANEOUS INCOME CREDITS..... 10 00

42,015 11

Total Income..... 301,769 90

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |           |           |
|---|-----------|-----------|
| Income received from Reserve Funds transferred to Reserves..... | 42,005 11 |           |
| Reserve for Bad Debts.....                                      | 235 00    |           |
| Miscellaneous Income Charges.....                               | 213 71    |           |
|   |           | 42,453 82 |

259,316 08

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 70,000 00  |            |
| Interest due Government.....  | 109,652 30 |            |
|                               |            | 179,652 30 |

Net Income Surplus..... \$ 79,663 78

# Harbour of Three Rivers BALANCE SHEET AS AT DECEMBER 31, 1951

## ASSETS

|  |                 |
|--|-----------------|
| CURRENT—   |                 |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 45,373 88    |
| Accounts Receivable.....   | \$7,506 29      |
| Less—Reserve for Bad Debts—.....                                 | 3,035 00        |
| Stores on Hand.....  | 4,471 29        |
|  | <u>1,618 25</u> |
|  | \$ 51,463 42    |

## RESERVE FUNDS—

|                                      |                  |
|--------------------------------------|------------------|
| Replacement Fund.....                | 1,491,911 78     |
| Fire and General Insurance Fund..... | <u>45,468 50</u> |
|                                      | 1,537,380 28     |

## PREPAID EXPENSES.....

63 21

## FIXED—

|                                      |                       |
|--------------------------------------|-----------------------|
| Real Estate.....                     | 1,204,777 00          |
| Roads, Fences and Boundaries.....    | 60,384 26             |
| Miscellaneous Structures.....        | 1,281 16              |
| Wharves and Piers.....               | <u>5,782,589 79</u>   |
| Permanent Sheds.....                 | 791,680 07            |
| Railway System.....                  | 26,611 43             |
| Office Furniture and Appliances..... | 2,630 75              |
| Electric Power System.....           | 14,830 15             |
| Water Supply System.....             | 10,894 44             |
| Shore Equipment.....                 | <u>1,201 41</u>       |
| Miscellaneous Small Plant.....       | 835 57                |
|                                      | <u>7,897,696 03</u>   |
|                                      | <u>\$9,486,602 94</u> |

## LIABILITIES AND PROPRIETARY EQUITY

|                       |                  |
|-----------------------|------------------|
| CURRENT—              | LIABILITIES      |
| Accounts Payable..... | \$ 547 51        |
| DEFERRED REVENUE..... | <u>25,940 14</u> |

## PROPRIETARY EQUITY

|                           |                   |
|---------------------------|-------------------|
| GOVERNMENT OF CANADA—     |                   |
| Loans and Advances—       |                   |
| Non-interest bearing..... | \$ 590,857 27     |
| Interest bearing.....     | 3,987,356 39      |
| Accrued interest.....     | <u>182,647 66</u> |
|                           | \$ 4,760,861 32   |

## Reserves for—

|                              |                  |
|------------------------------|------------------|
| Replacement.....             | 1,494,353 05     |
| Fire and General Insurance.. | <u>45,468 50</u> |
|                              | 1,539,821 55     |

6,300,682 87

## Surplus—

|                               |                  |
|-------------------------------|------------------|
| As at January 1, 1951.....    | 3,079,768 64     |
| Profit on 1951 Operations.... | <u>79,663 78</u> |
|                               | 3,159,432 42     |

9,460,115 29

\$ 9,486,602 94

## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 32½ feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation from about the middle of April to the beginning of December of each year. The Board operates main piers, wharves and jetties providing 105 berths, totalling about 10 miles of berthing accommodation; 27 transit sheds, with an aggregate floor area of over 2,179,000 square feet; also 4 grain elevators, with a total storage capacity of over 15,000,000 bushels, and 3½ miles of grain conveyor galleries; and a cold storage warehouse, with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 10 locomotive cranes are available.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 4,423                   | 7,708,844                    |
| 1950.....          | 4,796                   | 8,263,614                    |
| 1949.....          | 4,480                   | 7,637,311                    |
| 1948.....          | 3,667                   | 6,627,056                    |
| 1947.....          | 3,433                   | 5,948,537                    |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 4,422                   | 7,709,539                    |
| 1950.....          | 4,803                   | 8,264,345                    |
| 1949.....          | 4,493                   | 7,652,848                    |
| 1948.....          | 3,661                   | 6,635,831                    |
| 1947.....          | 3,434                   | 5,944,018                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,188                   | 4,241,012                    | 1,211                   | 4,491,795                    |
| Coastal or inland commercial (including fishery)..... | 3,159                   | 3,456,590                    | 3,439                   | 3,747,846                    |
| Other.....  | 76                      | 11,242                       | 146                     | 23,973                       |
| Total.....  | 4,423                   | 7,708,844                    | 4,796                   | 8,263,614                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,189                   | 4,242,824                    | 1,215                   | 4,493,265                    |
| Coastal or inland commercial (including fishery)..... | 3,158                   | 3,455,816                    | 3,440                   | 3,745,913                    |
| Other.....  | 75                      | 10,899                       | 148                     | 25,167                       |
| Total.....  | 4,422                   | 7,709,539                    | 4,803                   | 8,264,345                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1951.....        | 4,634,788 | 4,469,099 | 9,103,887  |
| 1950.....        | 6,292,018 | 3,435,195 | 9,727,213  |
| 1949.....        | 4,263,258 | 4,168,136 | 8,431,394  |
| 1948.....        | 4,194,095 | 4,002,652 | 8,196,747  |
| 1947.....        | 3,681,595 | 4,660,820 | 8,342,415  |
| <i>Domestic—</i> |           |           |            |
| 1951.....        | 2,162,294 | 3,650,859 | 5,813,153  |
| 1950.....        | 2,287,016 | 3,301,304 | 5,588,320  |
| 1949.....        | 2,779,010 | 2,659,742 | 5,438,752  |
| 1948.....        | 1,314,291 | 2,127,082 | 3,441,373  |
| 1947.....        | 641,871   | 1,823,587 | 2,465,458  |
| <i>Total—</i>    |           |           |            |
| 1951.....        | 6,797,082 | 8,119,958 | 14,917,040 |
| 1950.....        | 8,579,034 | 6,736,499 | 15,315,533 |
| 1949.....        | 7,042,268 | 6,827,878 | 13,870,146 |
| 1948.....        | 5,508,386 | 6,129,734 | 11,638,120 |
| 1947.....        | 4,323,466 | 6,484,407 | 10,807,873 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  | 1,506,199      | 2,842,770       | 4,348,969     | 3,856,070     |
| Gasoline.....   | 91,580         | 1,781,376       | 1,872,956     | 1,534,520     |
| Petroleum Oil, crude.....   | 1,345,935      | 276,752         | 1,622,687     | 2,536,263     |
| Petroleum Oil, fuel.....  | 390,360        | 1,094,562       | 1,484,922     | 1,786,684     |
| Coal, bituminous.....   | 966,781        | .....           | 966,781       | 1,056,450     |
| Iron Ore.....   | 231,217        | 231,053         | 462,270       | 439,840       |
| Flour, wheat.....   | 22             | 441,044         | 441,066       | 410,343       |
| Sugar, raw.....   | 309,979        | 11,055          | 321,034       | 358,554       |
| Cement, common or portland.....   | 163,004        | 82,874          | 245,878       | 210,225       |
| Gypsum, crude.....  | 189,613        | 34,965          | 224,578       | 192,647       |
| Coal, anthracite.....   | 203,136        | 11,813          | 214,949       | 329,426       |
| Iron or Steel Band, Bars not otherwise specified,<br>Hoop, Plates, Rods, Sheets, Skelp, Strip and<br>Tin Plate..... | 197,963        | 9,892           | 207,855       | 139,628       |
| Chrome Ore.....   | 66,589         | 63,568          | 130,157       | 109,934       |

CARGO TONNAGE—COMMODITIES—*Concluded*

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Motor Vehicles and Parts.....   | 41,604         | 68,645          | 110,249       | 123,986       |
| Wood-pulp.....  | 1,953          | 93,056          | 95,009        | 33,004        |
| Iron or Steel, structural.....  | 92,350         | 641             | 92,991        | 24,901        |
| Phosphate Rock.....   | 92,445         | .....           | 92,445        | 52,238        |
| Manganese Ore.....  | 40,271         | 40,181          | 80,452        | 213,377       |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                          | 8,706          | 70,539          | 79,245        | 86,798        |
| Iron or Steel Manufactures not otherwise specified..                                    | 55,384         | 7,745           | 63,129        | 46,256        |
| Asbestos and Asbestos Manufactures.....   | 5,710          | 54,417          | 60,127        | 89,577        |
| Machinery and Parts (except agricultural).....  | 34,742         | 24,286          | 59,028        | 43,483        |
| Petroleum Oil, distillate, lubricating.....   | .....          | 56,445          | 56,445        | 47,211        |
| Glass and Glass Manufactures.....   | 46,955         | 3,164           | 50,119        | 46,372        |
| Jute and Jute Manufactures.....   | 19,572         | 28,458          | 48,030        | 19,607        |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....             | .....          | 47,388          | 47,388        | 54,803        |
| Kerosene.....   | 17,631         | 29,464          | 47,095        | 60,601        |
| Ferro-alloys.....   | 4,780          | 36,477          | 41,257        | 34,984        |
| Nickel and Nickel Manufactures.....   | 184            | 35,721          | 35,905        | 31,849        |
| Paper not otherwise specified.....  | 4,477          | 31,399          | 35,876        | 17,357        |
| Beverages, alcoholic.....   | 29,042         | 6,790           | 35,832        | 27,559        |
| Iron or Steel Tubes, Pipe and Fittings.....   | 32,295         | 3,149           | 35,444        | 20,550        |
| Clay.....   | 32,363         | 2,256           | 34,619        | 41,371        |
| Dry Goods not otherwise specified.....  | 24,705         | 7,768           | 32,473        | 34,261        |
| Sulphur.....  | 30,513         | .....           | 30,513        | 60,367        |
| Milk, condensed, evaporated or powdered.....  | 2,039          | 28,470          | 30,509        | 21,904        |
| Molasses.....   | 23,206         | 4,482           | 27,688        | 64,649        |
| Cheese.....   | 1,941          | 24,176          | 26,117        | 35,192        |
| Zinc Ore.....   | .....          | 23,101          | 23,101        | 9,856         |
| Brick.....  | 18,241         | 3,420           | 21,661        | 13,294        |
| Settlers' effects.....  | 17,261         | 4,155           | 21,416        | 13,818        |
| China ware, Earthenware and Porcelainware.....  | 18,581         | 174             | 18,755        | 12,026        |
| Grain Products (Mill Products except Wheat Flour)..<br>Fruits, canned or preserved..... | 17,799         | 264             | 18,101        | 14,465        |
| Paper, newsprint.....   | 8              | 17,502          | 18,063        | 21,562        |
| Oil Cake and Oil-cake Meal.....   | .....          | 17,277          | 17,510        | 7,966         |
| Agricultural Implements, Machinery and Parts (ex-<br>cept Motor Vehicles).....          | 968            | 16,129          | 17,097        | 6,014         |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs.....         | 387            | 16,229          | 16,616        | 17,486        |
| Tea.....  | 16,214         | 13              | 16,227        | 6,218         |
| Fruits and Fruit Products (including Juices) not<br>otherwise specified.....            | 15,549         | 576             | 16,125        | 22,793        |
| Petroleum Oil, lubricating.....   | 15,599         | 203             | 15,802        | .....         |
| Wool, unmanufactured, and Wool Yarns.....   | 14,379         | 996             | 15,375        | 18,147        |
| Lead and Lead Manufactures.....   | 967            | 14,261          | 15,228        | 871           |
| Bauxite Ore.....  | 14,539         | 298             | 14,837        | 11,991        |
| Electrical Goods not otherwise specified.....   | 7,568          | 7,090           | 14,658        | 12,869        |
| Coffee Beans and Coffee Preparations.....   | 14,590         | 2               | 14,592        | 12,698        |
| Meats, canned, cured, prepared or preserved.....  | 6,950          | 7,015           | 13,965        | 13,102        |
| Naphtha.....  | .....          | 13,184          | 13,184        | 4,831         |
| Hardware not otherwise specified.....   | 9,035          | 4,074           | 13,109        | 12,493        |
| Vegetable Oils.....   | 7,514          | 5,035           | 12,549        | 25,108        |
| Pulpboard (except Wallboard).....   | 1              | 12,288          | 12,289        | 7,297         |
| Wood Laths, Pickets, Plywoods, Shingles and Veneers                                     | 1,191          | 11,038          | 12,229        | 6,459         |
| Fertilizers and Fertilizer Materials.....   | 11,491         | 381             | 11,872        | 44,621        |
| Nuts.....   | 11,600         | 5               | 11,605        | 10,876        |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....                       | 1,995          | 9,433           | 11,428        | 12,558        |
| Coke.....   | .....          | 11,382          | 11,382        | 10,465        |
| Chemicals not otherwise specified.....  | 8,652          | 2,651           | 11,303        | 13,118        |
| Confectionery.....  | 9,828          | 1,400           | 11,228        | 12,769        |
| Rock and Stone.....   | 10,500         | 104             | 10,604        | 11,266        |
| Rice.....   | 10,201         | 195             | 10,396        | 11,495        |
| Iron or Steel Wire and Wire Manufactures.....   | 9,394          | 931             | 10,325        | 7,198         |
| Feed, animal or poultry, not otherwise specified....                                    | 353            | 9,722           | 10,075        | 13,310        |
| All Goods not otherwise specified.....  | 220,481        | 304,488         | 524,969       | 583,111       |
| Total.....  | 6,797,082      | 8,119,958       | 14,917,040    | 15,315,533    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1951.....         | 30,657 | 21,717   | 52,374  |
| 1950.....         | 25,053 | 20,877   | 45,930  |
| 1949.....         | 22,509 | 20,739   | 43,248  |
| 1948.....         | 17,957 | 16,693   | 34,650  |
| 1947.....         | 9,562  | 9,181    | 18,743  |
| <i>Coastwise—</i> |        |          |         |
| 1951.....         | 37,358 | 40,521   | 77,879  |
| 1950.....         | 48,813 | 52,683   | 101,496 |
| 1949.....         | 72,820 | 69,841   | 142,661 |
| 1948.....         | 77,458 | 75,184   | 152,642 |
| 1947.....         | 75,991 | 69,190   | 145,181 |
| <i>Total—</i>     |        |          |         |
| 1951.....         | 68,015 | 62,238   | 130,253 |
| 1950.....         | 73,866 | 73,560   | 147,426 |
| 1949.....         | 95,329 | 90,580   | 185,909 |
| 1948.....         | 95,415 | 91,877   | 187,292 |
| 1947.....         | 85,553 | 78,371   | 163,924 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1951, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1951.....         | 53,948,235  | 100,570,526 | 154,518,761 |
| 1950.....         | 62,679,547  | 71,027,642  | 133,707,189 |
| 1949.....         | 71,544,011  | 87,164,153  | 158,708,164 |
| 1948.....         | 19,891,513  | 60,077,743  | 79,969,256  |
| 1947.....         | 11,612,547  | 61,969,120  | 73,581,667  |
| <i>Via rail—</i>  |             |             |             |
| 1951.....         | 55,301,207  | 6,430,637   | 61,731,844  |
| 1950.....         | 16,574,326  | 9,024,452   | 25,598,778  |
| 1949.....         | 30,968,846  | 6,596,415   | 37,565,261  |
| 1948.....         | 47,215,696  | 4,230,577   | 51,446,273  |
| 1947.....         | 55,687,127  | 2,548,393   | 58,235,520  |
| <i>Via other—</i> |             |             |             |
| 1951.....         | 894,123     | 2,080,560   | 2,974,683   |
| 1950.....         | 404,750     | 4,588,825   | 4,993,575   |
| 1949.....         | 46,080      | 3,703,631   | 3,749,711   |
| 1948.....         | 46,758      | 3,149,890   | 3,196,648   |
| 1947.....         | 21,647      | 2,362,685   | 2,384,332   |
| <i>Total—</i>     |             |             |             |
| 1951.....         | 110,143,566 | 109,081,723 | 219,225,289 |
| 1950.....         | 79,658,623  | 84,640,919  | 164,299,542 |
| 1949.....         | 102,558,937 | 97,464,199  | 200,023,136 |
| 1948.....         | 67,153,967  | 67,458,210  | 134,612,177 |
| 1947.....         | 67,321,321  | 66,880,198  | 134,201,519 |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1951, with comparison for 1950.

|  | 1951    | 1950    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 59,564  | 37,551  |
| Non-revenue cars.....  | 13,687  | 18,126  |
| Total.....   | 73,251  | 55,677  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 35,014  | 36,523  |
| Non-revenue cars.....  | 38,924  | 20,157  |
| Total.....   | 73,938  | 56,680  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 13      | 8       |
| Non-revenue cars.....  | 13      | 8       |
| Total.....   |         |         |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 1,549   | 2,039   |
| Non-revenue cars.....  |         |         |
| Total.....   | 1,549   | 2,039   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 96,140  | 76,121  |
| Non-revenue cars.....  | 52,611  | 38,283  |
| Total.....   | 148,751 | 114,404 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,023,447, excluding maintenance of Jacques Cartier bridge, on which \$40,071 was expended. The larger items were: repair of erosion damage to foundations at upstream outer corner of Sutherland pier; repair of ice damage to wharf at sections 40-41; repairs to timber wharf at Lachine canal entrance at Windmill point; painting sheds 8, 12, 13, 14, 15 and 18 and conveyors at sheds 44 and 45; railway track renewals and repair of damage done by ice; repairs to grain elevator scales; replacement of 27 belts in elevator lofters, marine legs and conveyors; replacement of switch panels in conveyor towers "C", "D", "L" and no. 2 side gallery; equipping conveyor lighting system with dust-proof fittings; renewing roofing of the cold storage warehouse; repairs to ammonia compressors, cold storage plant; and dredging in a number of areas in the harbour.

## CAPITAL WORKS

Expenditures on capital account, part of which was provided from replacement fund, amounted to \$1,095,217. The principal items were:—

*Purchase of Diesel Electric Switching Locomotives.*—A contract was awarded to Montreal Locomotive Works, Limited, for 8—660 B.H.P. 100-ton diesel electric switching locomotives to replace 10 steam locomotives. All were delivered on harbour tracks between May 1st and October 31st, 1951 and are now in service.

*Construction Storage Yard, Section 43.*—During the year, an area of 133,500 sq. ft. at section 43 was enclosed by a wire fence for purposes of storing heavy railway materials, etc. A railway siding was also laid to serve this enclosed area.



*Macadam Paving Sections 34 (part), 35, 36 and 37.*—The paving of the surface of the open wharves at sections 34 (part), 35, 36 and 37, comprising an area of about 34,000 square yards, was completed under a contract awarded to Charles Duranceau, Limitée.

*Construction Shed 14 Extension.*—During the year, a contract was awarded to Charles Duranceau Limitée, for the construction of a 253 lin. ft. steel superstructure extension to shed 14. Due to shortage of steel, work on the superstructure was not started and only minor work, such as the laying of sewer lines, etc. was carried out in 1951.

*Exit Ramp Shed 19.*—Charles Duranceau, Limitée was awarded a contract to construct an exit ramp at the downstream end of shed 19. The work was completed except for the installation of a door and trimmings.

*Installing Hand Starting Compensators at the Motors in Conveyors, Elevators 1 and 2.*—Installation of these compensators was started in the latter part of 1950 and was completed before the opening of navigation in 1951.

*Construction of Fireproof Building at Elevator No. 1.*—A fireproof building, 56 ft. long by 22 ft. wide, was erected during the year at the west end of elevator no. 1, for the storage of mechanical equipment.

*Extension of Water System, Sections 44-49 and Sutherland Pier.*—The contract for this work, involving the laying of 12" and 10" water mains, the installation of meter and valve chambers and nine hydrants, was awarded to Spino Construction Limited. The work was completed during the year with the exception of a few valves which will be installed early in 1952.

*Fire Protection System, Sheds 2-6.*—The first stage of a fire protection system in harbour transit sheds, was completed during the year in sheds 2-6. The contract for this work was awarded to "Automatic" Sprinkler Co. of Canada, Limited.

*Minor Items.*—A number of minor additions and improvements were carried out in 1951. These included:—purchase of 93 road signs, 2 motorcycles, one automobile sedan and one 3/4 ton truck; paving outer end of King Edward pier; construction of small cope wall at the outer end of King Edward pier; filling-in of ramps at Victoria pier; completion of the installation of cargo handling fixtures at sheds 2-15; installation of new floor in office, shed 25; construction of 1,000 pallets for fork lift trucks at cold storage warehouse; installation of outlets for power service to ships at sections 36 and 37; installation of 2 floodlights at section 36; extension of water supply system at King Edward pier; completion of the laying of water mains in connection with the construction of offices in sheds 4 and 8; partial installation of sanitary facilities at elevators 1 and 2; extension to tracks for shiploaders, sheds 12 and 14.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$7,478,227, as compared with \$6,324,037 in 1950, an increase of \$1,154,190. Grain elevators contributed substantially to this increase, but the railway system, wharves, sheds and cold storage also showed considerably higher revenues than in the previous year.

Operating and maintenance expenses were \$4,053,329, as against \$3,500,606 in 1950, an increase of \$552,723.

Net income surplus, after all charges, including interest due the Government and reserve for replacements, was \$783,330, as compared with a surplus of \$300,064 in 1950.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

(Excluding Jacques Cartier Bridge)

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 51,458 08 |              |
| Miscellaneous..... | 25,565 52    |              |
|                    |              | \$ 77,023 60 |

## Wharves and Piers—

|                    |              |              |
|--------------------|--------------|--------------|
| Top Wharfage.....  | 2,276,340 49 |              |
| Dockage.....       | 450,709 45   |              |
| Miscellaneous..... | 259,916 22   |              |
|                    |              | 2,986,966 16 |

## Permanent Sheds—

|                    |            |            |
|--------------------|------------|------------|
| Shed Rentals.....  | 340,175 50 |            |
| Storage.....       | 71,720 90  |            |
| Miscellaneous..... | 109,854 88 |            |
|                    |            | 521,751 28 |

Shed Hoists..... 37,788 00

Railway System..... 837,568 54

## Grain Elevator System—

|                    |              |              |
|--------------------|--------------|--------------|
| Elevation.....     | 1,612,095 77 |              |
| Storage.....       | 533,593 34   |              |
| Miscellaneous..... | 178,415 43   |              |
|                    |              | 2,324,104 54 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 356,254 02 |            |
| Miscellaneous..... | 84,989 07  |            |
|                    |            | 441,243 09 |

## Miscellaneous Services—

|                |            |                 |
|----------------|------------|-----------------|
| Outsiders..... | 251,782 25 |                 |
|                |            | \$ 7,478,227 46 |

## OPERATING EXPENSES—

Administration..... \$ 448,036 15

## Operation and Maintenance—

|                                       |              |              |
|---------------------------------------|--------------|--------------|
| Harbour Dredging.....                 | 51,895 66    |              |
| Harbour General.....                  | 483,985 43   |              |
| Roads, Fences and Boundaries.....     | 52,454 92    |              |
| Sewers and Drains.....                | 7,446 90     |              |
| Wharves and Piers.....                | 120,435 70   |              |
| Permanent Sheds.....                  | 135,705 16   |              |
| Shed Hoists.....                      | 37,885 59    |              |
| Railway System.....                   | 663,320 17   |              |
| Grain Elevator System.....            | 1,428,802 22 |              |
| Cold Storage System.....              | 320,551 52   |              |
| Miscellaneous Services—Outsiders..... | 302,810 07   |              |
|                                       |              | 3,605,293 34 |
|                                       |              | 4,053,329 49 |

Operating Income..... 3,424,897 97

INCOME RECEIVED FROM RESERVE FUNDS..... 368,906 90

MISCELLANEOUS INCOME CREDITS..... 82,135 34

451,042 24

Total Income..... 3,875 940 21

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |            |              |
|---|------------|--------------|
| Income Received from Reserve funds transferred to Reserves..... | 368,906 90 |              |
| Reserve for Bad Debts.....                                      | 1,409 40   |              |
| Miscellaneous Income Charges.....                               | 163,060 04 |              |
|   |            | 533,376 34   |
|   |            | 3,342,563 87 |

## OTHER INCOME REQUIREMENTS—

|                               |              |              |
|-------------------------------|--------------|--------------|
| Reserve for Replacements..... | 836,724 00   |              |
| Interest due Government.....  | 1,722,509 97 |              |
|                               |              | 2,559,233 97 |

Net Income Surplus..... \$ 783,329 90

# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1951

(EXCLUDING JACQUES CARTIER BRIDGE)

### ASSETS

|   |                |
|---|----------------|
| <b>CURRENT—</b>   |                |
| Cash, on hand and on deposit with Receiver General of Canada..... | \$1,058,599 28 |
| Accounts Receivable.....  | \$534,519 54   |
| Less Reserve for Bad Debts.....                                   | 1,954 76       |
| Stores on Hand.....   | 532,564 78     |
| Accrued Revenue.....  | 364,831 66     |
| Other Assets.....   | 112,190 20     |
|   | 207,486 02     |
| <b>SECURITY DEPOSITS—</b>   |                |
| RESERVE FUNDS—  |                |
| Replacement Fund.....   | \$2,275,671 94 |
| Fire and General Insurance Fund.....                              | 134,712 38     |
|   | 13,461,260 24  |
| <b>PREPAID EXPENSES—</b>  |                |
| CAPITAL SUSPENSE.....   | 10,137 93      |
|   | 15,122 03      |

|                                      |               |
|--------------------------------------|---------------|
| <b>FIXED—</b>                        |               |
| Harbour Dredging.....                | 5,616,356 32  |
| Real Estate.....                     | 2,227,299 07  |
| Roads, Fences and Boundaries.....    | 861,346 68    |
| Sewers and Drains.....               | 170,414 23    |
| Miscellaneous Structures.....        | 400,779 04    |
| Wharves and Piers.....               | 26,030,227 75 |
| Permanent Sheds.....                 | 7,671,469 74  |
| Shed Hoists.....                     | 236,972 88    |
| Railway System.....                  | 4,741,053 52  |
| Grain Elevator System.....           | 15,729,792 25 |
| Cold Storage System.....             | 3,050,622 36  |
| Office Furniture and Appliances..... | 57,972 06     |
| Harbour Buildings.....               | 330,342 41    |
| Central Heating Plants.....          | 14,579 46     |
| Harbour Shops.....                   | 294,510 86    |
| Electric Power System.....           | 1,058,771 80  |
| Water Supply System.....             | 168,718 79    |
| Floating Equipment.....              | 847,108 32    |
| Shore Equipment.....                 | 379,571 29    |
| Works under Construction.....        | 220,765 32    |
|                                      | 70,108,674 15 |

---



---

\$86,005,578 67

### LIABILITIES AND PROPRIETARY EQUITY

|   |                    |
|---|--------------------|
|   | <b>LIABILITIES</b> |
| <b>CURRENT—</b>                               |                    |
| Accounts Payable.....                         | \$ 378,505 46      |
| Salaries and Wages Payable.....               | 157,733 31         |
|   | \$536,338 77       |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.</b> |                    |
|   | 134,712 38         |
| <b>ACCOUNTS PAYABLE—CONSTRUCTION</b>          |                    |
|   | 36,859 84          |
| <b>CONTRACTORS' HOLDBACKS—CONSTRUCTION</b>    |                    |
|   | 2,088 30           |
| <b>CONTRACTORS' HOLDBACKS—MAINTENANCE</b>     |                    |
|   | 1,142 00           |
|   | 3,230 30           |
| <b>DEFERRED REVENUE</b>                       |                    |
|   | 60,193 00          |
|   | 771,384 29         |

### PROPRIETARY EQUITY

|                                |                 |
|--------------------------------|-----------------|
| <b>GOVERNMENT OF CANADA—</b>   |                 |
| Loans and Advances—            |                 |
| Non-interest bearing.....      | \$ 4,526,842 34 |
| Interest bearing.....          | 63,497,396 78   |
| Accrued Interest.....          | 5,010,460 96    |
|                                | 73,034,700 08   |
| <b>Reserves for—</b>           |                 |
| Replacement.....               | 12,320,722 10   |
| Fire and General Insurance...  | 1,141,046 99    |
|                                | 13,461,769 09   |
|                                | 86,496,469 17   |
| <b>Deficit—</b>                |                 |
| As at Jan. 1, 1951.....        | 2,046,433 41    |
| Profit on 1951 Operations..... | 783,329 90      |
| Add adjustments in 1951.....   | 828 72          |
|                                | 1,262,274 79    |
|                                | 85,234,194 38   |

---



---

\$86,005,578 67



## JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1951, with comparison for 1950.

|                              | 1951       | 1950       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 12,009,430 | 11,897,298 |
| Automobiles (Passenger)..... | 4,543,289  | 3,858,165  |
| Trucks.....                  | 977,106    | 814,942    |
| Buses.....                   | 128,651    | 117,750    |
| All Others.....              | 26,936     | 31,605     |

## REVENUES AND EXPENDITURES

Bridge tolls and sundry receipts amounted to \$1,413,381, exceeding those of 1950 by \$181,844. Operating and maintenance expenditures were \$168,166, as compared with \$148,385 in the previous year.

After making provision for interest, reserve for depreciation, and other charges against income, there was a net income surplus of \$123,635, as compared with a deficit of \$50,773 in 1950.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was applied to the extent of \$750,000 to reduce the capital debt to \$18,876,000.

No contributions towards deficits were required from the Province of Quebec and the City of Montreal in respect of 1951 operations, but payments for the years 1944-1949 inclusive are still outstanding.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|   |                |                |
|---|----------------|----------------|
| OPERATING REVENUES—   |                |                |
| Bridge Tolls Collected.....                                     | \$1,399,241 17 |                |
| Sundry Receipts.....  | 14,140 06      |                |
|   |                | \$1,413,381 23 |
| OPERATING EXPENSES—   |                |                |
| Administration.....   | 25,965 53      |                |
| Operation.....  | 102,128 73     |                |
| Maintenance.....  | 40,071 38      |                |
|   |                | 168,165 64     |
| Operating Income.....   |                | 1,245,215 59   |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         | 19,514 31      |                |
| MISCELLANEOUS INCOME CREDITS.....                               | 1,369 01       |                |
|   |                | 20,883 32      |
| Total Income.....   |                | 1,266,098 91   |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |                |                |
| Income received from Reserve Funds transferred to reserves..... | 19,514 31      |                |
| Bond Discount and Redemption Premium.....                       | 61,333 66      |                |
| Miscellaneous Income Charges.....                               | 1,649 83       |                |
|   |                | 82,497 80      |
|   |                | 1,183,601 11   |
| OTHER INCOME REQUIREMENTS—                                      |                |                |
| Reserve for Depreciation.....                                   | 166,154 63     |                |
| Interest due Government—Deficit Debt.....                       | 361,701 54     |                |
| Interest due Government—Capital Debt.....                       | 532,109 92     |                |
|   |                | 1,059,966 09   |
| Net Income Surplus.....   | \$ 123,635 02  |                |



**Jacques Cartier Bridge—Montreal**  
**BALANCE SHEET AS AT DECEMBER 31, 1951**

| ASSETS   |                          | LIABILITIES AND PROPRIETARY EQUITY         |                 |
|--|--------------------------|--|-----------------|
| CURRENT—   |                          | LIABILITIES                                |                 |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 131,224 63            | Accounts Payable.....                      | \$ 15,169 96    |
| Accounts Receivable.....   | 25,429 01                | Salaries and Wages Payable.....            | 6,953 08        |
| Province of Quebec on account of Deficit.....                    | 744,425 77               | DEFERRED REVENUE.....                      | 22,123 04       |
| City of Montreal on account of Deficit.....                      | 744,425 77               | CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 25 00           |
| Accrued Revenue.....   | 1,488,851 54<br>2,666 67 |  | 604 00          |
|  | \$ 1,648,171 85          |  | \$ 22,752 04    |
| MISCELLANEOUS FUNDS  |                          | PROPRIETARY EQUITY                         |                 |
|  | 618,457 48               | GOVERNMENT OF CANADA—                      |                 |
|  |                          | Loans and Advances—                        |                 |
|  |                          | Interest bearing                           |                 |
|  |                          | Capital Debt.....                          | \$18,876,000 00 |
|  |                          | Deficit Debt.....                          | 7,234,031 00    |
|  |                          | Accrued Interest (Deficit Debt).....       | 4,591,049 64    |
|  |                          |  | \$30,701,080 64 |
| BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT.....               | 1,093,784 28             | Reserves—                                  |                 |
| PREPAID EXPENSES.....  | 2,250 66                 | Depreciation.....                          | \$ 3,306,195 21 |
|  |                          | Special Maintenance—                       |                 |
|  |                          | General.....                               | 347,014 63      |
| CONTRACTORS' SECURITY DEPOSITS.....                              | 604 00                   | Painting.....                              | 271,442 85      |
|  |                          |  | 3,924,652 69    |
| CAPITAL SUSPENSE.....  | 113 81                   |  | \$34,625,733 33 |
| Fixed—   |                          | Deficit—                                   |                 |
| Bridge Structure, Right of Way, etc.....                         | 18,563,715 46            | As at January 1, 1951.....                 | \$12,845,042 85 |
|  | \$21,927,077 54          | Profit on 1951 Operations.....             | 123,635 02      |
|  |                          |  | 12,721,407 83   |
|  |                          |  | 21,904,325 50   |
|  |                          |  | \$21,927,077 54 |

# PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

## TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1951, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via Water—</i> |            |            |            |
| 1951.....         | 9,173,409  | 6,317,575  | 15,490,984 |
| 1950.....         | 8,084,261  | 7,792,387  | 15,876,648 |
| 1949.....         | 16,012,485 | 12,427,098 | 28,439,583 |
| 1948.....         | 3,823,395  | 3,249,420  | 4,072,815  |
| 1947.....         | 9,085,839  | 7,701,869  | 16,787,708 |
| <i>Via rail—</i>  |            |            |            |
| 1951.....         | 676,129    | 2,422,427  | 3,098,556  |
| 1950.....         | 264,992    | 1,728,352  | 1,993,344  |
| 1949.....         | 472,358    | 1,419,307  | 1,891,665  |
| 1948.....         | 473,698    | 1,012,406  | 1,486,104  |
| 1947.....         | 578,312    | 746,291    | 1,324,603  |
| <i>Via other—</i> |            |            |            |
| 1951.....         | 730        | 293,356    | 294,086    |
| 1950.....         |            | 397,923    | 397,923    |
| 1949.....         |            | 469,399    | 469,399    |
| 1948.....         | 1,478      | 487,404    | 488,882    |
| 1947.....         |            | 653,165    | 653,165    |
| <i>Total—</i>     |            |            |            |
| 1951.....         | 9,850,268  | 9,033,358  | 18,883,626 |
| 1950.....         | 8,349,253  | 9,918,662  | 18,267,915 |
| 1949.....         | 16,484,843 | 14,315,804 | 30,800,647 |
| 1948.....         | 4,298,571  | 4,749,230  | 9,047,801  |
| 1947.....         | 9,664,151  | 9,101,325  | 18,765,476 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$40,240. The principal items were placing 2,000 cubic yards of gravel fill near the office, repairs to shipping spouts, receiving hoppers, and scales, replacement of smoke-stack of the dryer boilerhouse and general maintenance of all electrical and other equipment and railway tracks.

## REVENUES AND EXPENDITURES

Revenues from operations amounted to \$276,544, as compared with \$283,679 in 1950. Expenditures on operation and maintenance were \$159,139, as against \$143,904 in 1950.

Net income surplus for the year was \$117,266, as against a surplus of \$146,113 in 1950. No charge for interest or depreciation of property is made in the accounts of this facility.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|                                       |    |                   |                   |
|---------------------------------------|----|-------------------|-------------------|
| OPERATING REVENUES—                   |    |                   |                   |
| Harbour General—                      |    |                   |                   |
| Property Rentals.....                 | \$ | 542 00            |                   |
| Wharves and Piers—                    |    |                   |                   |
| Top Wharfage.....                     |    | 14,361 83         |                   |
| Railway System.....                   |    | 141 00            |                   |
| Grain Elevator System—                |    |                   |                   |
| Elevation.....                        | \$ | 134,114 53        |                   |
| Storage.....                          |    | 118,286 50        |                   |
| Miscellaneous.....                    |    | 9,097 87          |                   |
|                                       |    | <u>261,498 90</u> |                   |
|                                       |    |                   | \$ 276,543 73     |
| OPERATING EXPENSES—                   |    |                   |                   |
| Administration.....                   |    | 22,548 47         |                   |
| Operation and Maintenance—            |    |                   |                   |
| Grain Elevator System.....            |    | 136,590 62        |                   |
|                                       |    | <u>159,139 09</u> |                   |
| Operating Income.....                 |    |                   | 117,404 64        |
| MISCELLANEOUS INCOME CREDITS.....     |    |                   | 673 17            |
|                                       |    |                   | <u>118,077 81</u> |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |                   |                   |
| Miscellaneous Income Charges.....     |    |                   | 811 80            |
| Net Income Surplus.....               | \$ | <u>117,266 01</u> |                   |

Prescott Elevator

BALANCE SHEET AS AT DECEMBER 31, 1951

| ASSETS                                    |              | LIABILITIES AND PROPRIETARY EQUITY |                 |
|---|--------------|------------------------------------|-----------------|
| CURRENT—                                  |              | CURRENT—                           |                 |
| Cash on hand and on deposit with Receiver | 70,869 49    | Accounts Payable.....              | 5,503 99        |
| General of Canada.....                    | 20,464 88    | Salaries and Wages Payable.....    | 1,232 84        |
| Accounts Receivable.....                  | 11,460 22    |                                    | 6,736 83        |
| Stores on Hand.....                       | 39,207 94    |                                    |                 |
| Accrued Revenue.....                      | 9,455 90     | DEFERRED REVENUE.....              | 347 32          |
| Other Assets.....                         | 151,458 43   |                                    | 7,084 15        |
|   |              | PROPRIETARY EQUITY                 |                 |
| PREPAID EXPENSES.....                     | 19 48        | GOVERNMENT OF CANADA—              |                 |
|   |              | Loans and Advances—                |                 |
|   |              | Non-interest bearing.....          | 4,895,939 56    |
|   |              | Reserves—                          |                 |
|   |              | Small Plant and Office             |                 |
|   |              | Furniture and Appliances.....      | 6,008 12        |
| FIXED—                                    |              | Surplus—                           |                 |
| Wharves and Piers.....                    | 961,260 11   | As at January 1, 1951.....         | \$ 165,663 84   |
| Railway System.....                       | 373,248 47   | Profit on 1951 Operations....      | 117,266 01      |
| Grain Elevator System.....                | 3,549,717 17 |                                    | 282,929 85      |
| Office Furniture and Appliances.....      | 5,103 27     | Payment to Government of 1950      |                 |
| Miscellaneous Small Plant.....            | 5,041 70     | Earnings.....                      | 146,113 05      |
|   | 4,894,370 72 |                                    | 136,816 80      |
|   |              |                                    | 5,038,764 48    |
|   |              |                                    | \$ 5,045,848 63 |



## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

## TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1951, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1951.....         | 47,146,158 | 44,965,896 | 92,112,054 |
| 1950.....         | 40,433,452 | 39,109,356 | 79,542,808 |
| 1949.....         | 39,316,122 | 35,705,911 | 75,022,033 |
| 1948.....         | 15,773,726 | 16,553,758 | 32,327,484 |
| 1947.....         | 14,703,325 | 11,350,458 | 26,053,783 |
| <i>Via rail—</i>  |            |            |            |
| 1951.....         | 52,484     | 1,841,935  | 1,894,419  |
| 1950.....         | 40,809     | 2,518,515  | 2,559,324  |
| 1949.....         | 89,646     | 1,250,530  | 1,340,176  |
| 1948.....         | 34,363     | 1,619,970  | 1,654,333  |
| 1947.....         | 70,076     | 3,042,151  | 3,112,227  |
| <i>Via other—</i> |            |            |            |
| 1951.....         |            | 304,415    | 304,415    |
| 1950.....         |            | 229,634    | 229,634    |
| 1949.....         |            | 374,202    | 374,202    |
| 1948.....         |            | 442,761    | 442,761    |
| 1947.....         |            | 355,953    | 355,953    |
| <i>Total—</i>     |            |            |            |
| 1951.....         | 47,198,642 | 47,112,246 | 94,310,888 |
| 1950.....         | 40,474,261 | 41,857,505 | 82,331,766 |
| 1949.....         | 39,405,768 | 37,330,643 | 76,736,411 |
| 1948.....         | 15,808,089 | 18,616,489 | 34,424,578 |
| 1947.....         | 14,773,401 | 14,748,562 | 29,521,963 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$79,049. The major items were overhauling and repairs to vessel shovel gear, marine legs, lofters, scales, conveyors, buildings, electrical circuits, vessel spouts, tracks and wharf.

## CAPITAL WORKS

Expenditure on Capital account during the year amounted to \$49,648, consisting of:—

*Installation of Dust Control System.*—A contract was awarded in 1950 for the installation of a dust control system and the work was 65 percent completed in that year. All work under this contract was finished in 1951.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$630,423, as compared with \$588,357 in 1950. Operating and maintenance expenses were \$394,843, the corresponding figure for 1950 being \$325,954.

Net income surplus for 1951 was \$239,738, as against \$263,382 in the previous year, a decrease of \$23,644. No charge is made in the accounts of this facility for interest (except a small amount on recent capital expenditures) or for depreciation of physical property.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|                                       |    |                   |                   |
|---------------------------------------|----|-------------------|-------------------|
| OPERATING REVENUE—                    |    |                   |                   |
| Elevation.....                        | \$ | 551,085 70        |                   |
| Storage.....                          |    | 79,206 74         |                   |
| Miscellaneous.....                    |    | 130 49            |                   |
|                                       |    | <u>          </u> | \$ 630,422 93     |
| OPERATING EXPENSES—                   |    |                   |                   |
| Administration.....                   |    | 38,180 12         |                   |
| Operation and Maintenance.....        |    | 356,662 52        |                   |
|                                       |    | <u>          </u> | 394,842 64        |
| Operating Income.....                 |    |                   | 235,580 29        |
| MISCELLANEOUS INCOME CREDITS.....     |    |                   | 9,936 33          |
| Total Income.....                     |    |                   | <u>245,516 62</u> |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |                   |                   |
| Miscellaneous Income Charges.....     |    |                   | 2,702 49          |
|                                       |    |                   | <u>242,814 13</u> |
| OTHER INCOME REQUIREMENTS—            |    |                   |                   |
| Interest due Government.....          |    |                   | 3,075 88          |
| Net Income Surplus.....               | \$ | 239,738 25        |                   |

# Port Colborne Elevator BALANCE SHEET AS AT DECEMBER 31, 1951

## ASSETS

|  |                     |
|--|---------------------|
| <b>CURRENT—</b>  |                     |
| Cash on hand and on deposit with Receiver General of Canada.....\$ | 196,468 98          |
| Accounts Receivable.....   | 18,325 01           |
| Stores on hand.....  | 84,037 71           |
|  | <u>\$</u>           |
| CONTRACTORS' SECURITY DEPOSITS.....                                | 298,831 70          |
|  | 13,000 00           |
| PREPAID EXPENSES.....  | 26 10               |
| CAPITAL SUSPENSE.....  | 1,165 24            |
| <b>FIXED—</b>  |                     |
| Real Estate.....   | 21,875 80           |
| Wharves and Piers.....   | 533,644 00          |
| Railway System.....  | 42,189 22           |
| Grain Elevator System.....   | 1,940,724 73        |
| Office Furniture and Appliances.....                               | 5,940 56            |
| Miscellaneous Small Plant.....                                     | 24,121 44           |
|  | <u>2,568,495 75</u> |

## LIABILITIES AND PROPRIETARY EQUITY

|  |                        |                           |           |
|--|------------------------|---------------------------|-----------|
| <b>CURRENT—</b>                                      |                        | <b>LIABILITIES</b>        |           |
| Accounts Payable.....\$                              | 4,405 31               | Accounts Payable.....\$   | 4,405 31  |
| Salaries and Wages Payable.....                      | 1,940 18               |                           | <u>\$</u> |
|  | 6,345 49               |                           |           |
| CONTRACTORS' SECURITY DEPOSITS.....                  | 13,000 00              |                           |           |
| ACCOUNTS PAYABLE—CONSTRUCTION.....                   | 6,117 74               |                           |           |
| CONTRACTORS' HOLDBACKS—CONSTRUCTION.....             | 12,776 25              |                           |           |
|  | <u>38,239 48</u>       |                           |           |
| <b>GOVERNMENT OF CANADA—</b>                         |                        | <b>PROPRIETARY EQUITY</b> |           |
| Loans and Advances—                                  |                        |                           |           |
| Non-interest bearing.....\$                          | 2,356,217 60           |                           |           |
| Interest bearing.....                                | 162,650 29             |                           |           |
| Accrued Interest.....                                | 3,075 83               |                           |           |
|  | <u>2,521,943 77</u>    |                           |           |
| <b>RESERVES—</b>                                     |                        |                           |           |
| Small Plant and Office Furniture and Appliances..... | 14,974 05              |                           |           |
| <b>SURPLUS—</b>                                      |                        |                           |           |
| As at January 1, 1951.....                           | 329,768 73             |                           |           |
| Profit on 1951 Operations....                        | 239,738 25             |                           |           |
| Other Adjustments.....                               | 236 01                 |                           |           |
|  | <u>569,743 04</u>      |                           |           |
| <b>PAYMENT TO GOVERNMENT OF 1950 EARNINGS.....</b>   | <u>263,381 55</u>      |                           |           |
|  | 306,361 49             |                           |           |
|  | <u>2,843,279 31</u>    |                           |           |
|  | <u>\$ 2,881,518 79</u> |                           |           |

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the beginning of August to the middle of October. The facilities operated by the Board include 1,855 linear feet of wharf with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 2,500,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 15 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 36                      | 82,131                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |
| 1947.....          | 35                      | 68,361                       |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 35                      | 82,077                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |
| 1947.....          | 35                      | 68,361                       |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|   | 1951                    |                              | 1950                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 21                      | 88,612                       | 20                      | 76,569                       |
| Coastal or inland commercial (including fishery)..... | 13                      | 5,033                        | 16                      | 5,562                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 34                      | 93,645                       | 36                      | 82,131                       |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 21                      | 88,612                       | 20                      | 76,569                       |
| Coastal or inland commercial (including fishery)..... | 13                      | 5,033                        | 15                      | 5,508                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 34                      | 93,645                       | 35                      | 82,077                       |

(Exclusive of naval vessels)



## TRAFFIC

### CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1951.....        | 7,650  | 218,420 | 226,070 |
| 1950.....        | 3,350  | 203,032 | 206,382 |
| 1949.....        | 2,000  | 165,826 | 167,826 |
| 1948.....        | 949    | 158,760 | 159,709 |
| 1947.....        | 375    | 153,841 | 154,216 |
| <i>Domestic—</i> |        |         |         |
| 1951.....        | 172    | 2,555   | 2,727   |
| 1950.....        | 11     | 2,315   | 2,326   |
| 1949.....        | 66     | 2,432   | 2,498   |
| 1948.....        | 103    | 2,816   | 2,919   |
| 1947.....        | 50     | 1,994   | 2,044   |
| <i>Total—</i>    |        |         |         |
| 1951.....        | 7,822  | 220,975 | 228,797 |
| 1950.....        | 3,361  | 205,347 | 208,708 |
| 1949.....        | 2,066  | 168,258 | 170,324 |
| 1948.....        | 1,052  | 161,576 | 162,628 |
| 1947.....        | 425    | 155,835 | 156,260 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1951, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1951.....         |           | 7,278,443 | 7,278,443  |
| 1950.....         |           | 6,767,743 | 6,767,743  |
| 1949.....         |           | 5,527,535 | 5,527,535  |
| 1948.....         |           | 5,325,884 | 5,325,884  |
| 1947.....         |           | 4,975,754 | 4,975,754  |
| <i>Via rail—</i>  |           |           |            |
| 1951.....         | 8,814,395 |           | 8,814,395  |
| 1950.....         | 7,086,101 |           | 7,086,101  |
| 1949.....         | 5,553,069 |           | 5,553,069  |
| 1948.....         | 5,279,007 |           | 5,279,007  |
| 1947.....         | 5,042,709 |           | 5,042,709  |
| <i>Via other—</i> |           |           |            |
| 1951.....         |           |           |            |
| 1950.....         |           |           |            |
| 1949.....         |           |           |            |
| 1948.....         |           |           |            |
| 1947.....         |           |           |            |
| <i>Total—</i>     |           |           |            |
| 1951.....         | 8,814,395 | 7,278,443 | 16,092,838 |
| 1950.....         | 7,086,101 | 6,767,743 | 13,853,844 |
| 1949.....         | 5,553,069 | 5,527,535 | 11,080,604 |
| 1948.....         | 5,279,007 | 5,325,884 | 10,604,891 |
| 1947.....         | 5,042,709 | 4,975,754 | 10,018,463 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$81,572. The principal items were painting part of the conveyor gallery and a number of harbour buildings, repairs to the shearlegs, redecking and other repairs to the slipway cradle and general maintenance of grain elevator, power house, wharf, shore and floating equipment and water supply system.

## CAPITAL WORKS

Capital expenditure during the year amounted to \$176,167. The principal items were:—

*Construction of Staff Building No. 2.*—The construction of staff building no. 2 which was commenced in 1950 under a contract awarded to the Tower Company Limited was completed during 1951 with the exception of a small amount of painting.

*Diesel Powered Tug.*—A diesel powered tug, 35 feet in length, was purchased from Russel-Hipwell Engines Limited for use as a harbour work boat.

*Additional Cleaners for Grain Elevator.*—In order to supplement the grain cleaning facilities, two additional cleaners were purchased and installed in the grain elevator.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$409,141, as compared with \$368,472 in 1950. Expenditures on operation and maintenance were \$463,887, as against \$556,659 in 1950.

After taking into account income credits and debits, there was a net income deficit of \$68,281, as compared with a deficit of \$194,390 shown in 1950, no charge for depreciation having been made, or for interest, except a small amount on capital expended since the harbour was transferred to the Board for administration.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

## OPERATING REVENUES—

## Harbour General—

Harbour Dues.....\$ 1,280 77

Miscellaneous.....2,490 00

\$ 3,770 77

## Wharves and Piers—

Top Wharfage.....19,129 08

Dockage.....7,006 58

26,135 66

## Permanent Sheds—

Storage.....5,532 43

## Grain Elevator System—

Elevation.....158,192 16

Storage.....42,258 62

Miscellaneous.....62,920 49

263,371 27

## Miscellaneous Services—

Outsiders.....110,331 22

\$ 409,141 35

## OPERATING EXPENSES—

Administration.....54,380 34

## Operation and Maintenance—

Harbour Dredging.....29,406 13

Harbour General.....34,315 86

Roads, Fences and Boundaries.....5,107 80

Wharves and Piers.....14,212 90

Permanent Sheds.....3,427 65

Grain Elevator System.....217,708 00

Miscellaneous Services—Outsiders.....105,328 37

409,506 71

463,887 05

Operating Deficit.....54,745 70

MISCELLANEOUS INCOME CREDITS.....237 06

54,508 64

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

Reserve for Bad Debts.....26 57

Miscellaneous Income Charges.....870 78

897 35

55,405 99

## OTHER INCOME REQUIREMENTS—

Interest Due Government.....12,875 34

Net Income Deficit.....\$ 68,281 33

## BALANCE SHEET AS AT DECEMBER 31, 1951

## 65

| ASSETS   |               | LIABILITIES AND PROPRIETARY EQUITY       |                 |
|--|---------------|--|-----------------|
| CURRENT—   |               | LIABILITIES                              |                 |
| Cash on hand and on deposit with Receiver General of Canada.....\$ | 14,004 46     | CURRENT—                                 |                 |
| Accounts Receivable.....\$   | 11,983 14     | Accounts Payable.....                    | \$ 71,685 92    |
| Less—Reserve for Bad Debts....                                     | 26 57         | CONTRACTORS' HOLDBACKS—CONSTRUCTION..... | 15,444 30       |
|  | <hr/>         | CONTRACTORS' SECURITY DEPOSITS.....      | 18,525 00       |
| Stores on Hand.....  | 11,966 57     | DEFERRED REVENUE.....                    | 528 95          |
| Accrued Revenue.....   | 124,663 24    |  | <hr/>           |
|  | 6,205 19      |  | 106,184 17      |
|  | <hr/>         |  |                 |
| CONTRACTORS' SECURITY DEPOSITS.....                                | \$ 156,839 46 |  |                 |
|  | 18,525 00     |  |                 |
|  | <hr/>         |  |                 |
| PREPAID CHARGES.....   | 75            | PROPRIETARY EQUITY                       |                 |
|  |               | GOVERNMENT OF CANADA—                    |                 |
|  |               | Loans and Advances—                      |                 |
|  |               | Non-interest bearing.....                | \$12,867,802 20 |
|  |               | Interest bearing.....                    | 640,414 25      |
|  |               | Accrued Interest.....                    | 22,347 36       |
|  |               |  | <hr/>           |
|  |               |  | \$13,530,563 81 |
|  |               | Deficit—                                 |                 |
|  |               | As at January 1, 1951.....               | 20,799 28       |
|  |               | Loss on 1951 Operations...               | 68,281 33       |
|  |               | Other Adjustments.....                   | 5,154 92        |
|  |               |  | <hr/>           |
|  |               | Less Government Grant.....               | 73,436 25       |
|  |               |  | 55,405 99       |
|  |               |  | <hr/>           |
|  |               |  | 38,829 54       |
|  |               |  | <hr/>           |
|  |               |  | 13,491,734 27   |
|  |               |  | <hr/>           |
|  |               |  | \$13,597,918 44 |
|  |               |  | <hr/>           |



## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific and Great Northern railways, which have connections, either direct or over the terminal railway operated by the Board, to all docks on the north and south sides of the harbour. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet. The Board has 3 piers, a wharf and two jetties, having about 9,500 linear feet of berthing and 6 transit sheds with an aggregate floor area of about 567,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are provided storage tanks with a capacity of over 470,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and a special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1951.....          | 30,789                  | 16,535,991                   |
| 1950.....          | 29,551                  | 15,061,377                   |
| 1949.....          | 28,482                  | 13,820,239                   |
| 1948.....          | 28,947                  | 13,645,274                   |
| 1947.....          | 28,946                  | 13,353,027                   |
| <i>Departures—</i> |                         |                              |
| 1951.....          | 30,701                  | 16,739,472                   |
| 1950.....          | 29,560                  | 15,067,357                   |
| 1949.....          | 28,406                  | 13,834,872                   |
| 1948.....          | 28,528                  | 13,621,026                   |
| 1947.....          | 28,765                  | 13,406,361                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1951, with comparison for 1950.

|  | 1951              |                        | 1950              |                        |
|--|-------------------|------------------------|-------------------|------------------------|
|  | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                       |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....                | 1,231             | 5,343,574              | 1,154             | 4,908,748              |
| Coastal or inland commercial (including fishery) ..... | 29,558            | 11,192,417             | 28,397            | 10,152,629             |
| Other .....  |                   |                        |                   |                        |
| Total .....  | 30,789            | 16,535,991             | 29,551            | 15,061,377             |
| <i>Departures—</i>                                     |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....                | 1,240             | 5,362,680              | 1,152             | 4,903,347              |
| Coastal or inland commercial (including fishery) ..... | 29,461            | 11,376,792             | 28,408            | 10,164,010             |
| Other .....  |                   |                        |                   |                        |
| Total .....  | 30,701            | 16,739,472             | 29,560            | 15,067,357             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1951 .....       | 2,848,474 | 3,322,892 | 6,171,366  |
| 1950 .....       | 2,878,318 | 2,388,337 | 5,266,655  |
| 1949 .....       | 2,156,441 | 2,796,757 | 4,953,198  |
| 1948 .....       | 2,307,240 | 2,031,878 | 4,339,118  |
| 1947 .....       | 2,154,984 | 2,329,496 | 4,484,480  |
| <i>Domestic—</i> |           |           |            |
| 1951 .....       | 3,113,210 | 1,873,324 | 4,986,534  |
| 1950 .....       | 3,212,342 | 1,577,956 | 4,790,298  |
| 1949 .....       | 2,945,234 | 1,484,791 | 4,430,025  |
| 1948 .....       | 3,123,343 | 1,499,948 | 4,623,291  |
| 1947 .....       | 2,949,213 | 1,527,237 | 4,476,450  |
| <i>Total—</i>    |           |           |            |
| 1951 .....       | 5,961,684 | 5,196,216 | 11,157,900 |
| 1950 .....       | 6,090,660 | 3,966,293 | 10,056,953 |
| 1949 .....       | 5,101,675 | 4,281,548 | 9,383,223  |
| 1948 .....       | 5,430,583 | 3,531,826 | 8,962,409  |
| 1947 .....       | 5,104,197 | 3,856,733 | 8,960,930  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1951, with comparison for 1950.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1951 | Outward<br>1951 | Total<br>1951 | Total<br>1950 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  |                | 2,441,719       | 2,441,719     | 1,499,545     |
| Petroleum Oil, crude.....   | 1,224,341      |                 | 1,224,341     | 1,220,065     |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....   | 955,565        | 168,914         | 1,124,479     | 1,181,877     |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 527,817        | 440,407         | 968,224       | 986,294       |
| Petroleum Oil, fuel.....  | 615,075        | 313,244         | 928,319       | 822,893       |
| Gasoline.....   | 253,495        | 205,313         | 458,808       | 377,155       |
| Sand and Gravel.....  | 395,499        | 10,991          | 406,490       | 505,465       |
| Wood-pulp.....  | 237,082        | 68,600          | 305,682       | 163,205       |
| Flour, wheat.....   | 76             | 239,156         | 239,232       | 235,610       |
| Rock and Stone.....   | 18,337         | 180,764         | 199,101       | 98,816        |
| Coal, bituminous.....   | 126,964        | 29,834          | 156,798       | 257,912       |
| Paper, newsprint.....   | 142,062        | 10,399          | 152,461       | 121,523       |
| Cement, common or portland.....   | 128,240        | 10,193          | 138,433       | 141,438       |
| Motor Vehicles and Parts.....   | 111,510        | 16,791          | 128,301       | 237,260       |
| Kerosene.....   | 62,079         | 38,573          | 100,652       | 122,848       |
| Hog Fuel.....   |                | 86,108          | 86,108        | 109,338       |
| Sugar, raw.....   | 82,860         |                 | 82,860        | 104,480       |
| Paper not otherwise specified.....  | 59,222         | 22,701          | 81,923        | 69,395        |
| Ores and Concentrates not otherwise specified.....  | 60,203         | 539             | 60,742        | 84,942        |
| Iron or Steel Bands, Bars not otherwise specified,<br>Hoops, Plates, Rods, Sheets, Skelp, Strip and<br>Tin Plate..... | 48,184         | 1,332           | 49,516        | 41,042        |
| Iron or Steel Tubes, Pipe and Fittings.....   | 44,874         | 1,951           | 46,825        | 36,150        |
| Fish (including Shell-fish), canned or preserved.....   | 23,320         | 20,336          | 43,656        | 46,223        |
| Beverages, alcoholic.....   | 16,147         | 25,227          | 41,374        | 33,226        |
| Fish, (including Shell-fish), fresh or frozen.....  | 39,771         | 624             | 40,395        | 29,903        |
| Iron or Steel, structural.....  | 24,451         | 10,786          | 35,237        | 11,205        |
| Machinery and Parts (except agricultural).....  | 10,758         | 23,264          | 34,022        | 18,924        |
| Chemicals not otherwise specified.....  | 16,320         | 17,012          | 33,332        | 24,000        |
| Petroleum Oil, refined not otherwise specified.....   | 12,126         | 19,539          | 31,665        | 26,156        |
| Fertilizers and Fertilizer Materials.....   | 19,027         | 10,377          | 29,404        | 31,354        |
| Copra.....  | 29,373         |                 | 29,373        | 23,505        |
| Lime.....   | 25,525         | 1,808           | 27,333        | 31,859        |
| Salt.....   | 7,355          | 16,970          | 24,325        | 16,901        |
| Sulphur.....  | 11,977         | 11,449          | 23,426        | 13,809        |
| China ware, Earthenware and Porcelainware.....  | 14,610         | 1,046           | 15,656        | 11,457        |
| Grain Products (Mill Products except Wheat Flour)..<br>Coffee Beans and Coffee Preparations.....                      | 80             | 14,038          | 14,118        | 22,107        |
| Glass and Glass Manufactures.....   | 13,729         | 214             | 13,943        | 13,372        |
| Containers, returned empty.....   | 12,947         | 92              | 13,039        | 12,066        |
| Creosote Oil.....   | 9,385          | 2,864           | 12,249        | 10,347        |
| Wood Laths, Pickets, Plywoods, Shingles and Veneers<br>Gypsum, crude.....   | 11,109         | 736             | 11,845        | 21,160        |
| Fruits, fresh, not otherwise specified.....   | 690            | 10,934          | 11,624        | 8,550         |
| Iron or Steel Manufactures not otherwise specified....  | 71             | 11,127          | 11,198        | 73            |
| All Goods not otherwise specified.....  | 10,876         | 177             | 11,053        | 8,571         |
|   | 7,888          | 2,400           | 10,288        | 9,078         |
|   | 550,664        | 707,667         | 1,258,331     | 1,215,854     |
| Total.....  | 5,961,684      | 5,196,216       | 11,157,900    | 10,056,953    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1951, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1951.....         | 2,376   | 2,518    | 4,894     |
| 1950.....         | 3,143   | 3,116    | 6,259     |
| 1949.....         | 2,933   | 3,573    | 6,506     |
| 1948.....         | 2,035   | 2,014    | 4,049     |
| 1947.....         | 625     | 494      | 1,119     |
| <i>Coastwise—</i> |         |          |           |
| 1951.....         | 787,412 | 821,844  | 1,609,256 |
| 1950.....         | 740,056 | 766,001  | 1,506,057 |
| 1949.....         | 778,194 | 816,534  | 1,594,728 |
| 1948.....         | 852,277 | 874,818  | 1,727,095 |
| 1947.....         | 911,367 | 943,928  | 1,855,295 |
| <i>Total—</i>     |         |          |           |
| 1951.....         | 789,788 | 824,362  | 1,614,150 |
| 1950.....         | 743,199 | 769,117  | 1,512,316 |
| 1949.....         | 781,127 | 820,107  | 1,601,234 |
| 1948.....         | 854,312 | 876,832  | 1,731,144 |
| 1947.....         | 911,992 | 944,422  | 1,856,414 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1951, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1951.....         |            | 83,596,564 | 83,596,564  |
| 1950.....         |            | 50,510,442 | 50,510,442  |
| 1949.....         |            | 70,294,213 | 70,294,213  |
| 1948.....         |            | 37,396,332 | 37,396,332  |
| 1947.....         |            | 46,892,430 | 46,892,430  |
| <i>Via rail—</i>  |            |            |             |
| 1951.....         | 88,049,979 | 3,346,717  | 91,396,696  |
| 1950.....         | 50,377,179 | 2,779,745  | 53,156,924  |
| 1949.....         | 80,320,222 | 5,945,724  | 86,265,946  |
| 1948.....         | 41,730,467 | 4,979,498  | 46,709,965  |
| 1947.....         | 53,309,338 | 6,841,072  | 60,150,410  |
| <i>Via other—</i> |            |            |             |
| 1951.....         | 6,750      | 288,095    | 294,845     |
| 1950.....         | 8,671      | 268,684    | 277,355     |
| 1949.....         | 8,790      | 151,156    | 159,946     |
| 1948.....         | 6,622      |            | 6,622       |
| 1947.....         | 14,563     |            | 14,563      |
| <i>Total—</i>     |            |            |             |
| 1951.....         | 88,056,729 | 87,231,376 | 175,288,105 |
| 1950.....         | 50,385,850 | 53,558,871 | 103,944,721 |
| 1949.....         | 80,329,012 | 76,391,093 | 156,720,105 |
| 1948.....         | 41,737,089 | 42,375,830 | 84,112,919  |
| 1947.....         | 53,323,901 | 53,733,502 | 107,057,403 |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1951, with comparison for 1950.

|  | 1951    | 1950   |
|--|---------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |         |        |
| Revenue cars.....  | 17,409  | 9,605  |
| Non-revenue cars.....  | 9,276   | 10,736 |
| Total.....   | 26,685  | 20,341 |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |        |
| Revenue cars.....  | 9,139   | 9,715  |
| Non-revenue cars.....  | 17,305  | 10,083 |
| Total.....   | 26,444  | 19,798 |
| <i>Through cars from connecting lines to connecting lines—</i> |         |        |
| Revenue cars.....  | 25,186  | 21,513 |
| Non-revenue cars.....  | 25,966  | 21,024 |
| Total.....   | 51,152  | 42,537 |
| <i>Switched locally—</i>                                       |         |        |
| Revenue cars.....  | 728     | 1,247  |
| Non-revenue cars.....  | 346     | 541    |
| Total.....   | 1,074   | 1,788  |
| <i>Total—</i>  |         |        |
| Revenue cars.....  | 52,462  | 42,080 |
| Non-revenue cars.....  | 52,893  | 42,384 |
| Total.....   | 105,355 | 84,464 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance expenditures amounted to \$275,075. The principal items of work were: dredging at Ballantyne pier, Lapointe pier and no. 1 jetty; replacement of timber railway crossings on Granville Island with blacktop; hard surfacing of roadways leading to stores building and no. 3 jetty; partial renewal of vertical fender timbers at Ballantyne pier; replacement of ship's telephone installations at Ballantyne and Lapointe piers; renewal of horizontal waling timbers at Lapointe pier; renewal of creosoted dolphins, no. 3 jetty; progressive renewals and repairs to shed doors, Ballantyne pier, and partial replacement of doors of no. 2 shed, Lapointe pier; renewal and replacement of booth partitions, wall footings and columns of sheds at Fishermen's wharf; and re-roofing of the building leased to Standard Chemical Company, Limited.

## CAPITAL WORKS

Capital expenditure, part of which was provided from replacement fund, amounted to \$350,005. The principal items were:—

*Reconstruction Elevator No. 4.*—Grain elevator no. 4 was damaged by fire late in 1950 and in December of that year a contract was awarded to Commonwealth Construction Co. Ltd. for the reconstruction of the track shed, galleries and jetty. At the end of 1951 the work was approximately 85 percent completed.

*Minor Items.*—These consist of floodlighting of an area on Ballantyne pier, construction of two mooring buoys, renewal of wooden bulkhead on the east side of Lapointe pier and dredging at Heatley Avenue wharf.

## REVENUES AND EXPENDITURES

Operating revenues were \$3,305,429, as compared with \$2,985,966 in 1950, an increase of \$319,463. Operating and maintenance expenses showed an increase of \$259,149, the comparable figures being \$1,853,730 in 1951 and \$1,594,581 in 1950.

After taking into account income debits and credits and making provision for replacements and interest due the Government, there was a net income surplus of \$506,551, as compared with \$469,168 in 1950.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1951

|   |                        |
|---|------------------------|
| OPERATING REVENUES—   |                        |
| Harbour General—  |                        |
| Harbour Dues.....   | \$ 142,366 86          |
| Cargo Rates.....  | 791,122 17             |
| Miscellaneous.....  | 892,684 91             |
|   | <u>\$ 1,826,173 94</u> |
| Wharves and Piers—  |                        |
| Top Wharfage.....   | 315,416 25             |
| Dockage.....  | 184,153 96             |
| Miscellaneous.....  | 21,134 22              |
|   | <u>520,704 43</u>      |
| Permanent Sheds—  |                        |
| Shed Rentals.....   | 26,062 07              |
| Storage.....  | 59,425 66              |
| Miscellaneous.....  | 62,328 18              |
|   | <u>147,815 91</u>      |
| Railway System.....   | 393,574 43             |
| Grain Elevator System—  |                        |
| Rentals.....  | 301,670 06             |
| Cold Storage System—  |                        |
| Storage.....  | 2,292 00               |
| Miscellaneous.....  | 42,207 30              |
|   | <u>44,499 30</u>       |
| Miscellaneous Services—Outsiders.....                           | 70,990 79              |
|   | <u>\$ 3,305,428 86</u> |
| OPERATING EXPENSES—   |                        |
| Administration.....   | \$ 196,646 89          |
| Operation and Maintenance—                                      |                        |
| Harbour Dredging.....   | \$ 45,156 12           |
| Harbour General.....  | 754,471 33             |
| Roads, Fences and Boundaries.....                               | 4,948 03               |
| Wharves and Piers.....  | 148,120 51             |
| Permanent Sheds.....  | 197,873 27             |
| Shed Hoists.....  | 1,832 07               |
| Railway System.....   | 404,069 52             |
| Grain Elevator System.....                                      | 7,398 80               |
| Cold Storage System.....  | 34,491 18              |
| Miscellaneous Services—Outsiders.....                           | 58,721 83              |
|   | <u>1,657,082 66</u>    |
|   | <u>\$ 1,853,729 55</u> |
| Operating Income.....   | 1,451,699 31           |
| INCOME RECEIVED FROM INVESTMENT AND RESERVE FUNDS.....          | 228,550 44             |
| MISCELLANEOUS INCOME CREDITS.....                               | 14,788 48              |
|   | <u>243,338 92</u>      |
| Total Income.....   | 1,695,038 23           |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |                        |
| Income received from Reserve Funds transferred to Reserves..... | 227,302 70             |
| Reserve for Bad Debts.....                                      | 6,487 61               |
| Miscellaneous Income Charges.....                               | 28,111 88              |
|   | <u>261,902 19</u>      |
|   | 1,433,136 04           |
| OTHER INCOME REQUIREMENTS—                                      |                        |
| Reserve for Replacements.....                                   | 250,000 00             |
| Interest due Government.....                                    | 676,584 64             |
|   | <u>926,584 64</u>      |
| Net Income Surplus.....   | <u>\$ 506,551 40</u>   |



## SECOND NARROWS BRIDGE—VANCOUVER

## TRAFFIC

Statement showing classification of revenue passages via Second Narrows Bridge during calendar year 1951, with comparison for 1950.

|  | 1951*   | 1950      |
|--|---------|-----------|
| Passengers in vehicles, and Pedestrians..... | 655,246 | 3,263,178 |
| Automobiles (Passenger).....                 | 261,698 | 1,235,453 |
| Trucks, including buses.....                 | 78,860  | 431,854   |
| All others, not otherwise specified.....     | 284     | 2,099     |
| Total.....                                   | 996,088 | 4,932,584 |

\* Period January 1st—March 31st only.

## REVENUES AND EXPENDITURES

Operation of this bridge remained under the Board only until March 31, 1951, when Montreal Trust Company, trustee for bridge bondholders, exercised their option to repossess. All indebtedness to the Board arising out of the bridge's reconstruction in 1933-34 had been repaid in full from earnings by May, 1950, but, at the request of those concerned, the Board continued to operate the bridge until the above-mentioned date of repossession.

## INCOME STATEMENT FOR THREE MONTHS, ENDED MARCH 31, 1951

|                                       |              |
|---------------------------------------|--------------|
| OPERATING REVENUES—                   |              |
| Bridge tolls and sundry receipts..... | \$ 55,726 75 |
| OPERATING EXPENSES—                   |              |
| Administration.....                   | \$ 7,215 63  |
| Operation.....                        | 19,481,29    |
| Maintenance.....                      | 4,638 10     |
|                                       | 31,335 02    |
| Operating Income.....                 | \$ 24,391 73 |

These figures are excluded from the consolidated income statement for 1951.

Surplus earnings transferred to the trustee in 1951 in respect of operations after the bridge debt was extinguished amounted to \$170,435.88.



## HEAD OFFICE, OTTAWA

Statement of revenues and expenditures and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the Board and the amount borne by each is included in the respective expenditure statements.

## REVENUE AND EXPENDITURE STATEMENT FOR THE CALENDAR YEAR 1951

## REVENUE—

|  |               |                   |
|--|---------------|-------------------|
| Assessments.....   | \$ 182,326 94 |                   |
| Income from Workmen's Compensation Fund Investments..... | 15,664 01     |                   |
|  | <u>\$</u>     | <u>197,990 95</u> |

## EXPENDITURE—

|  |                   |  |
|--|-------------------|--|
| Salaries.....                              | 128,155 45        |  |
| Travelling Expenses.....                   | 8,515 17          |  |
| Advertising.....                           | 2,059 54          |  |
| Office Expenses.....                       | 21,338 69         |  |
| Treasury Office—Salaries and Expenses..... | 22,258 09         |  |
|  | <u>182,326 94</u> |  |

|  |           |                   |
|--|-----------|-------------------|
| INCOME FROM RESERVE FUNDS TRANSFERRED TO RESERVES..... | 15,664 01 |                   |
|  | <u>\$</u> | <u>197,990 95</u> |

## ASSETS

[illegible]









41 T 66  
- A56

# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

# 1952



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1953

*Price, 25 cents*



241742  
-1952

ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

1952



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1953



## NATIONAL HARBOURS BOARD

|                                   |                |
|-----------------------------------|----------------|
| R. K. Smith, Q.C.....             | Chairman.      |
| Brigadier M. Archer, M.E.I.C..... | Vice-Chairman. |
| B. J. Roberts, C.B.E.....         | Member.        |

---

|                              |                      |
|------------------------------|----------------------|
| C. P. Buckley.....           | Secretary.           |
| T. M. Bryson, M.B.E.....     | Assistant Secretary. |
| L. R. Stratton, M.E.I.C..... | Chief Engineer.      |
| W. C. Perron.....            | Traffic Officer.     |

---

|                    |                                     |                                     |
|--------------------|-------------------------------------|-------------------------------------|
| Halifax.....       | J. R. Mitchell.....                 | Port Manager.                       |
| Saint John.....    | Russell Yuill, M.B.E., M.E.I.C..... | Port Manager.                       |
| Chicoutimi.....    | Albert Maltais.....                 | Port Manager.                       |
| Quebec.....        | Louis Beaudry, M.E.I.C.....         | Port Manager and<br>Chief Engineer. |
| Three Rivers.....  | Henri Gauthier.....                 | Port Manager.                       |
| Montreal.....      | A. G. Murphy, M.E.I.C.....          | Port Manager.                       |
| Prescott.....      | Alex. Ross.....                     | Superintendent.                     |
| Port Colborne..... | C. A. Bennett.....                  | Superintendent.                     |
| Churchill.....     | W. N. Twolan.....                   | Port Manager.                       |
| Vancouver.....     | A. E. McMaster, O.B.E.....          | Port Manager.                       |

## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Consolidated Income Statement.....   | 13   |
| Consolidated Balance Sheet.....      | 14   |
| Harbour of Halifax.....              | 16   |
| Harbour of Saint John.....           | 22   |
| Harbour of Chicoutimi.....           | 28   |
| Harbour of Quebec.....               | 33   |
| Harbour of Three Rivers.....         | 39   |
| Harbour of Montreal.....             | 44   |
| Jacques Cartier Bridge.....          | 52   |
| Prescott Elevator.....               | 54   |
| Port Colborne Elevator.....          | 57   |
| Harbour of Churchill.....            | 60   |
| Harbour of Vancouver.....            | 64   |
| Head Office, Ottawa.....             | 72   |



# NATIONAL HARBOURS BOARD

OTTAWA, March 6, 1953

To the Honourable LIONEL CHEVRIER, Q.C., M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of The National Harbours Board Act, we have the honour to submit the seventeenth annual report of the National Harbours Board, covering the operations for the calendar year 1952, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver and the Government grain elevators at Prescott and Port Colborne.

## SHIPPING

Vessel arrivals in 1952 numbered 47,821, the aggregate net registered tonnage being 42,652,542. The comparable figures for 1951 were 47,748 vessels, aggregating 39,076,553 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 47,821                  | 42,652,542                   |
| 1951.....          | 47,748                  | 39,076,553                   |
| 1950.....          | 46,154                  | 37,115,589                   |
| 1949.....          | 44,067                  | 34,723,963                   |
| 1948.....          | 43,627                  | 33,006,672                   |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 47,658                  | 42,610,845                   |
| 1951.....          | 47,653                  | 39,256,626                   |
| 1950.....          | 46,176                  | 37,161,450                   |
| 1949.....          | 43,958                  | 34,738,922                   |
| 1948.....          | 43,175                  | 33,002,902                   |

(Exclusive of Naval Vessels)

## CARGO TONNAGE

The aggregate cargo tonnage in 1952 at harbours administered by the Board was 42,337,198, as compared with 38,813,806 in 1951. The increase over the previous year was 3,523,392 tons, or 9%. The outstanding feature of the year's traffic returns was the increase of over four and a quarter million tons, or 48%, in the quantity of grain. Other commodities moving in greater volume than in 1951 were fuel oil, logs and pitprops, and wheat flour. The principal decreases took place in bituminous coal, crude oil (due to pipe line operation), pulpwood, and lumber.

Foreign inward traffic decreased 1,000,100 tons, or about 10%, and foreign outward traffic increased 3,712,005 tons or 33%. Domestic traffic inward increased by 984,542 tons, or 9%, and domestic traffic outward decreased by 173,055 tons, or 3%, compared with 1951.



The following statement summarizes the volume of water-borne cargo tonnage in 1952 and the four previous years:

### CARGO TONNAGE—SUMMARY

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1952.....        | 9,481,857  | 14,890,582 | 24,372,439 |
| 1951.....        | 10,481,957 | 11,178,577 | 21,660,534 |
| 1950.....        | 12,269,442 | 8,417,922  | 20,687,364 |
| 1949.....        | 8,966,194  | 10,054,211 | 19,020,405 |
| 1948.....        | 9,412,452  | 9,418,245  | 18,830,697 |
| <i>Domestic—</i> |            |            |            |
| 1952.....        | 11,440,270 | 6,524,489  | 17,964,759 |
| 1951.....        | 10,455,728 | 6,697,544  | 17,153,272 |
| 1950.....        | 9,939,999  | 5,988,120  | 15,928,119 |
| 1949.....        | 9,731,343  | 4,962,048  | 14,693,391 |
| 1948.....        | 8,834,079  | 4,118,810  | 12,952,889 |
| <i>Total—</i>    |            |            |            |
| 1952.....        | 20,922,127 | 21,415,071 | 42,337,198 |
| 1951.....        | 20,937,685 | 17,876,121 | 38,813,806 |
| 1950.....        | 22,209,441 | 14,406,042 | 36,615,483 |
| 1949.....        | 18,697,537 | 15,016,259 | 33,713,796 |
| 1948.....        | 18,246,531 | 13,537,055 | 31,783,586 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## REVENUES AND EXPENDITURES

### OPERATING REVENUES

Establishing a new record, aggregate operating revenues in 1952 amounted to \$20,298,693, as compared with \$17,375,060 in the previous year. The increase was \$2,923,633, or 17 per cent. The most important factor in this result was an increase of \$1,600,000, or 37 per cent, in the earnings of grain elevators, but substantial gains were shown by other divisions, such as wharves and piers, terminal railways, cold storage warehouses, harbour bridge and miscellaneous services.

### OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1952 were \$12,187,818, as against \$9,997,567 reported for 1951, an increase of \$2,190,251, or 22 per cent. The explanation for a large part of the rise in expenses will be found in two items—grain elevator operation and maintenance, which was up \$977,000, and harbour dredging, which increased by \$725,000, the latter due to the extensive program carried out at Quebec. However, the costs of administration and of the operation and maintenance of facilities continued their upward trend, to which higher salaries and wages contributed substantially. The Board's total payroll in 1952 was \$6,900,000, as compared with \$5,900,000 in the previous year. The total expenditure charged to maintenance in 1952 was \$3,467,000, as compared with \$2,448,000 in 1951.

Operating income in 1952 showed a gain of \$733,383, the comparable figures being \$8,110,876 in 1952 and \$7,377,493 in 1951.

After taking into account miscellaneous income debits and credits and charging interest and reserve for replacements, operations for 1952 resulted in a net income surplus of \$1,065,829, as compared with a deficit of \$194,656 in the previous year. It may be noted that the grain elevators at Prescott and Port Colborne and the facilities at Churchill harbour were transferred to the Board for administration without the imposition of any carrying charges in respect of the capital investment at the date of transfer, and the surplus of \$1,065,829 includes \$560,357 as the combined earnings of the facilities referred to, exclusive of such charges, including depreciation.

#### FIXED ASSETS AND REPLACEMENT RESERVES

During 1952 some important changes were made in the balance sheets to give effect to the results of a survey of fixed assets made over a period of several years in respect of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver. As a result, assets previously carried on the books at a value of \$11,611,905 were written off. These included amounts which had remained on the books although the facilities were no longer in service; also, expenditures improperly capitalized in the first instance. The write-offs also included amounts by which certain assets were shown in excess of costs, due to write-up by former authorities. On the other hand, the revision involved adding to fixed assets a total of \$5,588,352, being expenditures not previously capitalized in harbour balance sheets. They represented facilities paid for from government appropriations and subsequently transferred to the harbours for administration without charge. The net effect of the additions to and deletions from fixed assets was to reduce the book value by \$6,023,553. With these adjustments, the accounts represent existing assets at cost.

At the same time, the amounts which should be charged as reserves for replacements to provide for accrued and accruing depreciation were re-estimated on a straight-line basis and the necessary adjusting entries made. As such reserves had previously been set up only since January 1, 1936, it was found necessary to add \$20,585,000 as a charge to profit and loss account to provide in full for accrued depreciation from dates of construction or acquisition to December 31, 1951.

As a result of the review of assets and recalculation of depreciation, the annual charges against income have been increased—substantially in the case of several harbours. However, the effect of such increases is modified in some cases and more than offset in others by a change in the treatment of interest earned on replacement funds. Prior to 1952, having regard to the large amount of accrued depreciation for which inadequate provision had been made, the practice was followed of transferring to reserves the income from replacement funds. Commencing in 1952, with the annual charges for replacements being calculated on a straight-line basis, the interest earned by replacement funds is treated as income of the year. This change, taking the 1952 consolidated statement as an example, results in the income being augmented by some \$900,000 whereas the increase in the amount charged as reserve for replacements as compared with the previous year is \$526,000.

#### CHANGES IN TARIFFS

The principal changes in harbour charges during 1952 were as follows:

Cold storage warehouse charges at Halifax, Quebec and Montreal were increased by an average of about 17%, effective October 1st, in line with competitive rates.

At Vancouver, the basic rate for dockage (berthage) was advanced from 5 cents to 10 cents per linear foot for each 8-hour period, and wharfage was increased by 20%—both effective July 1st. Handling charges were increased

by 10% and car loading and unloading charges by 5%, effective November 1st. These changes followed similar action by other wharf operators.

Switching rates on the Vancouver harbour terminal railway were amended, effective February 11th, by revoking a 12% increase made in August, 1951, and substituting therefor a 17% increase in conformity with the Board of Transport Commissioners' award to Canadian railways.

Cargo rates at Vancouver were again reduced by 20%, effective July 1st, making a total reduction of 40%.

#### CONSOLIDATED STATEMENT—SEVEN HARBOURS

The seven harbours administered by local commissioners prior to 1936—Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver—had aggregate operating revenues of \$18,478,921 in 1952, as compared with \$16,058,949 in 1951. The increase was \$2,419,972, or 16 per cent. Expenses of administration, operation and maintenance increased from \$8,979,697 in 1951 to \$10,961,093 in 1952, a difference of \$1,981,396, or 22 per cent. Operating income was \$7,517,828 in 1952, as against \$7,079,252 in the previous year.

Net income surplus in 1952 was \$505,471, as compared with a deficit of \$483,379 in 1951.

The following is a comparative income statement for the seven harbours referred to for each of the years 1948 to 1952 inclusive:

#### CONSOLIDATED INCOME STATEMENT

##### HARBOURS OF HALIFAX, SAINT JOHN, CHICOUTIMI, QUEBEC, THREE RIVERS, MONTREAL AND VANCOUVER

|  | 1952       | 1951       | 1950       | 1949       | 1948       |
|--|------------|------------|------------|------------|------------|
|  | \$         | \$         | \$         | \$         | \$         |
| OPERATING REVENUES.....                              | 18,478,921 | 16,058,949 | 13,924,837 | 13,066,488 | 12,179,849 |
| OPERATING AND MAINTENANCE EXPENSES                   | 10,961,093 | 8,979,697  | 7,648,490  | 7,376,641  | 6,937,573  |
| Operating Income.....                                | 7,517,828  | 7,079,252  | 6,276,347  | 5,689,847  | 5,242,276  |
| MISCELLANEOUS CREDITS (Net).....                     | 808,525    | 302,954    | 99,115     | 120,911    | 36,708     |
| Total Income.....                                    | 8,326,353  | 6,776,298  | 6,177,232  | 5,568,936  | 5,205,568  |
| INTEREST DUE PUBLIC.....                             | 19,657     | 33,572     | 33,572     | 832,285    | 1,001,232  |
|  | 8,306,696  | 6,742,726  | 6,143,660  | 4,736,651  | 4,204,336  |
| OTHER INCOME REQUIREMENTS—                           |            |            |            |            |            |
| Reserve for Replacements.....                        | 2,479,109  | 1,952,879  | 1,934,413  | 1,928,002  | 1,922,470  |
| Interest due Government.....                         | 5,322,116  | 5,273,226  | 5,212,002  | 4,642,606  | 4,494,394  |
|  | 7,801,225  | 7,226,105  | 7,146,415  | 6,570,608  | 6,416,864  |
|  | 505,471    | 483,379    | 1,002,755  | 1,833,957  | 2,212,528  |
| Deduct—  |            |            |            |            |            |
| Special Contributions to Deficit (Br.-Montreal)..... |            |            |            | 116,582    | 189,924    |
| Net Income Surplus or Deficit...                     | 505,471    | 483,379    | 1,002,755  | 1,717,375  | 2,022,604  |

#### PRESCOTT, PORT COLBORNE AND CHURCHILL

The combined revenues of the grain elevators at Prescott and Port Colborne and the harbour of Churchill amounted to \$1,819,772 in 1952, as compared with \$1,316,108 in the previous year. Operating and maintenance expenses totalled \$1,226,724, as against \$1,017,869 in 1951. The three units showed a net income surplus of \$560,357, as compared with \$288,723 in 1951. This was



the best outcome in any year since these facilities were transferred to the Board. Their accounts do not include charges for interest or reserve for replacements, other than a small amount for interest on capital outlay since transfer to the Board.

The following is a consolidated income statement for these facilities for 1952, showing also comparative figures for the preceding four years:

## CONSOLIDATED INCOME STATEMENT

PRESCOTT AND PORT COLBORNE ELEVATORS AND HARBOUR OF CHURCHILL

|                                     | 1952      | 1951      | 1950      | 1949      | 1948    |
|-------------------------------------|-----------|-----------|-----------|-----------|---------|
|                                     | \$        | \$        | \$        | \$        | \$      |
| OPERATING REVENUES.....             | 1,819,772 | 1,316,108 | 1,240,508 | 1,006,209 | 650,935 |
| OPERATING AND MAINTENANCE EXPENSES  | 1,226,724 | 1,017,869 | 1,026,516 | 783,980   | 671,005 |
|                                     | 593,048   | 298,239   | 213,992   | 222,229   | 20,070  |
| OTHER DEBITS AND CREDITS (Net)..... | 32,691    | 9,516     | 1,112     | 1,628     | 321     |
| Net Income Surplus or Deficit...    | 560,357   | 288,723   | 215,104   | 223,857   | 19,749  |

The following statistical record is submitted showing operating revenues, operating expenses and operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                   |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|-------------------|------|-----------------------|-----------------------|---------------------|
|                   |      | \$                    | \$                    | \$                  |
| Halifax.....      | 1948 | 1,270,564             | 862,529               | 408,035             |
|                   | 1949 | 1,300,605             | 893,699               | 406,906             |
|                   | 1950 | 1,158,425             | 895,757               | 262,668             |
|                   | 1951 | 1,338,348             | 1,044,779             | 293,569             |
|                   | 1952 | 1,606,576             | 1,251,530             | 355,046             |
| Saint John.....   | 1948 | 805,364               | 472,365               | 332,999             |
|                   | 1949 | 715,423               | 501,163               | 214,260             |
|                   | 1950 | 627,860               | 511,328               | 116,532             |
|                   | 1951 | 728,648               | 576,255               | 152,393             |
|                   | 1952 | 906,517               | 661,184               | 245,333             |
| Chicoutimi.....   | 1948 | 50,310                | 20,512                | 29,798              |
|                   | 1949 | 58,386                | 19,440                | 38,946              |
|                   | 1950 | 69,816                | 22,172                | 47,644              |
|                   | 1951 | 82,416                | 29,185                | 53,231              |
|                   | 1952 | 86,450                | 26,037                | 60,413              |
| Quebec.....       | 1948 | 684,128               | 833,283               | 149,155*            |
|                   | 1949 | 871,022               | 813,289               | 57,733              |
|                   | 1950 | 978,667               | 818,594               | 160,073             |
|                   | 1951 | 1,415,577             | 1,217,085             | 198,492             |
|                   | 1952 | 1,722,137             | 2,130,402             | 408,265*            |
| Three Rivers..... | 1948 | 219,712               | 43,264                | 176,448             |
|                   | 1949 | 213,745               | 45,194                | 168,551             |
|                   | 1950 | 265,209               | 64,159                | 201,050             |
|                   | 1951 | 296,923               | 37,168                | 259,755             |
|                   | 1952 | 336,628               | 63,584                | 273,044             |
| Montreal.....     | 1948 | 5,608,899             | 3,186,639             | 2,422,260           |
|                   | 1949 | 6,272,697             | 3,663,798             | 2,608,899           |
|                   | 1950 | 6,324,037             | 3,500,606             | 2,823,431           |
|                   | 1951 | 7,478,227             | 4,053,329             | 3,424,898           |
|                   | 1952 | 8,692,656             | 4,567,823             | 4,124,833           |

\* Deficit



|  | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|-----------------------|-----------------------|---------------------|
|  | \$                    | \$                    | \$                  |
| Jacques Cartier Bridge (Montreal).....1948 | 974,764               | 129,372               | 845,392             |
| 1949                                       | 1,104,921             | 141,727               | 963,194             |
| 1950                                       | 1,231,537             | 148,385               | 1,083,152           |
| 1951                                       | 1,413,381             | 168,165               | 1,245,216           |
| 1952                                       | 1,599,684             | 197,162               | 1,402,522           |
| Prescott.....1948                          | 120,037               | 160,253               | 40,216*             |
| 1949                                       | 264,004               | 150,155               | 113,849             |
| 1950                                       | 283,680               | 143,904               | 139,776             |
| 1951                                       | 276,544               | 159,139               | 117,405             |
| 1952                                       | 479,079               | 208,977               | 270,102             |
| Port Colborne.....1948                     | 252,185               | 189,414               | 62,771              |
| 1949                                       | 485,718               | 293,881               | 191,837             |
| 1950                                       | 588,357               | 325,954               | 262,403             |
| 1951                                       | 630,423               | 394,843               | 235,580             |
| 1952                                       | 860,348               | 485,315               | 375,033             |
| Churchill.....1948                         | 278,712               | 321,337               | 42,625*             |
| 1949                                       | 256,487               | 339,944               | 83,457*             |
| 1950                                       | 368,472               | 556,659               | 188,187*            |
| 1951                                       | 409,141               | 463,887               | 54,746*             |
| 1952                                       | 480,345               | 532,432               | 52,087*             |
| Vancouver.....1948                         | 2,311,011             | 1,293,633             | 1,017,378           |
| 1949                                       | 2,260,677             | 1,209,250             | 1,051,427           |
| 1950                                       | 2,985,966             | 1,594,580             | 1,391,386           |
| 1951                                       | 3,305,429             | 1,853,730             | 1,451,699           |
| 1952                                       | 3,528,272             | 2,063,370             | 1,464,902           |
| Second Narrows Bridge (Vancouver).....1948 | 255,096               | 95,974                | 159,122             |
| 1949                                       | 269,012               | 89,082                | 179,930             |
| 1950                                       | 283,319               | 92,908                | 190,411             |
| (Reverted to former owners in 1951.)       |                       |                       |                     |
| All units.....1948                         | 12,830,784            | 7,608,578             | 5,222,206           |
| 1949                                       | 14,072,697            | 8,160,622             | 5,912,075           |
| 1950                                       | 15,165,345            | 8,675,006             | 6,490,339           |
| 1951                                       | 17,375,059            | 9,997,566             | 7,377,493           |
| 1952                                       | 20,298,693            | 12,187,817            | 8,110,876           |

\* Deficits

## CAPITAL EXPENDITURES

Expenditures incurred in 1952 on capital and replacement works amounted to \$2,186,937, of which \$2,147,082 was charged to capital and \$39,855 to reserve funds. The distribution of these expenditures was as follows:

*Capital—*

|                 |            |
|-----------------|------------|
| Halifax.....    | \$ 322,169 |
| Saint John..... | 721,455    |
| Quebec.....     | 139,667    |
| Montreal.....   | 654,158    |
| Churchill.....  | 2,234      |
| Vancouver.....  | 307,399    |
|                 | <hr/>      |
|                 | 2,147,082  |

*Replacement of Physical Assets—*

|                |              |
|----------------|--------------|
| Halifax.....   | \$ 1,356     |
| Quebec.....    | 8,741        |
| Montreal.....  | 8,381        |
| Churchill..... | 1,386        |
| Vancouver..... | 19,991       |
|                | <hr/>        |
|                | 39,855       |
|                | <hr/>        |
|                | \$ 2,186,937 |

Capital expenditures are financed from advances made to the Board by the Government, on the deposit of interest-bearing certificates of indebtedness. On current advances the rate is  $3\frac{3}{4}$  per cent per annum.

The book value of fixed assets as at December 31, 1952, was \$232,467,109.

Capital works are referred to in detail in the data submitted for each harbour.

## FINANCE

The following statement sets out the various amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1952 and also the amounts paid to the Treasury from Board funds:

*Amounts Required from Government—*

|                                    |              |
|------------------------------------|--------------|
| Capital expenditures, 1952.....    | \$ 2,147,082 |
| Retirement of debt—Saint John..... | 667,953      |
| Deficits—Churchill.....            | 56,703       |
|                                    | <hr/>        |
|                                    | \$ 2,871,738 |

*Amounts Paid to Government—*

|                             |              |
|-----------------------------|--------------|
| Interest on Advances.....   | \$ 4,116,614 |
| Surplus earnings (1951)—    |              |
| Prescott Elevator.....      | \$ 117,266   |
| Port Colborne Elevator..... | 239,738      |
|                             | <hr/>        |
|                             | 357,004      |
| Repayment of advances.....  | 1,080,511    |
|                             | <hr/>        |
|                             | \$ 5,554,129 |

## RESERVE FUNDS

As at December 31, 1952, reserve funds for replacement of physical assets and for insurance and workmen's compensation amounted to \$35,086,121, the accretion in the year to these funds being \$2,458,531.

The reserves consist of cash on deposit with the Receiver General, \$447,309, and investments in authorized securities, book value \$34,638,812 (market value \$32,884,767).

The amount of the Board's pension fund at the close of the year was \$4,979,517 on deposit with the Receiver General. In addition, miscellaneous funds, including provision for special maintenance, were held in the amount of \$671,726, represented by cash on deposit with the Receiver General, \$53,996, and authorized investments, book value \$617,730 (market value \$596,256).

As provided by Section 31 of The National Harbours Board Act, separate accounts have been kept for each harbour or property and the revenues of each have been assigned exclusively for its own purposes.

Consolidated income statement and balance sheet, together with similar statements for each harbour and the elevators at Prescott and Port Colborne, as well as Head Office, supplemented by shipping and traffic statistics and information respecting work carried on during the year, are appended to this report.

The Auditor General of Canada has carried on a continuous audit of the accounts.

---

R. W. Hendry, M.B.E., who had occupied the position of port manager at Halifax since early in 1936, retired in August last. He had, therefore, held this position of responsibility for upwards of seventeen years, including the arduous war years. The Board, recording his retirement with regret, is pleased to pay tribute to his competent and devoted service.

Respectfully submitted,

R. K. SMITH,  
*Chairman.*

M. ARCHER,  
*Vice-Chairman.*

C. P. BUCKLEY,  
*Secretary.*

B. J. ROBERTS.

## NATIONAL HARBOURS BOARD

## CONSOLIDATED INCOME STATEMENT FOR THE CALENDAR YEAR 1952

|   |                        |                        |
|---|------------------------|------------------------|
| <b>OPERATING REVENUES—</b>                                      |                        |                        |
| Harbour General—  |                        |                        |
| Harbour Dues.....   | \$ 339,221 97          |                        |
| Cargo Rates.....  | 646,535 22             |                        |
| Miscellaneous.....  | 1,085,968 99           |                        |
|   | <u>\$ 2,071,726 18</u> |                        |
| Wharves and Piers—  |                        |                        |
| Top Wharfage.....   | 3,982,629 95           |                        |
| Dockage.....  | 1,438,797 26           |                        |
| Miscellaneous.....  | 581,816 99             |                        |
|   | <u>6,003,244 20</u>    |                        |
| Permanent Sheds—  |                        |                        |
| Shed Rentals.....   | 621,465 01             |                        |
| Storage.....  | 272,587 85             |                        |
| Miscellaneous.....  | 142,446 18             |                        |
|   | <u>1,036 499 04</u>    |                        |
| Shed Hoists.....  | 38,572 50              |                        |
| Railway System.....   | 1,560,043 82           |                        |
| Grain Elevator System—  |                        |                        |
| Elevation.....  | 4,292,601 63           |                        |
| Storage.....  | 1,138,618 93           |                        |
| Rentals.....  | 222,438 99             |                        |
| Miscellaneous.....  | 364,879 67             |                        |
|   | <u>6,018,539 22</u>    |                        |
| Cold Storage System—  |                        |                        |
| Storage.....  | 826,635 83             |                        |
| Miscellaneous.....  | 287,561 38             |                        |
|   | <u>1,114,197 21</u>    |                        |
| Miscellaneous Services—Outsiders.....                           | 856,186 59             |                        |
| Bridge Tolls and Sundry Receipts.....                           | 1,599,684 48           |                        |
|   | <u>\$20,298,693 24</u> |                        |
| <b>OPERATING EXPENSES—</b>                                      |                        |                        |
| Administration.....   | \$ 1,212,100 83        |                        |
| Operation and Maintenance—                                      |                        |                        |
| Harbour Dredging.....   | \$ 1,079,111 90        |                        |
| Harbour General.....  | 1,708,520 79           |                        |
| Vehicular Bridges.....  | 8,475 89               |                        |
| Roads, Fences and Boundaries.....                               | 100,461 16             |                        |
| Sewers and Drains.....  | 10,707 52              |                        |
| Wharves and Piers.....  | 532,370 78             |                        |
| Permanent Sheds.....  | 835,973 97             |                        |
| Shed Hoists.....  | 38,828 86              |                        |
| Railway System.....   | 1,239,360 58           |                        |
| Grain Elevator System.....                                      | 3,610,077 86           |                        |
| Cold Storage System.....  | 845,596 49             |                        |
| Miscellaneous Services—Outsiders.....                           | 796,507 66             |                        |
| Bridges.....  | 169,723 37             |                        |
|   | <u>10,975,716 83</u>   |                        |
|   |                        | <u>12,187,817 66</u>   |
| Operating Income.....   |                        | 8,110,875 58           |
| <b>INCOME RECEIVED FROM INVESTMENTS AND RESERVE FUNDS.....</b>  |                        | 1,003,934 14           |
| <b>MISCELLANEOUS INCOME CREDITS.....</b>                        |                        | 42,022 91              |
|   |                        | <u>1,045,957 05</u>    |
| Total Income.....   |                        | 9,156,832 63           |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME</b>                     |                        |                        |
| Income received from Reserve Funds transferred to Reserves..... | 92,274 99              |                        |
| Reserve for Bad Debts.....                                      | 1,250 07               |                        |
| Miscellaneous Income Charges.....                               | 90,283 04              |                        |
| Bond Redemption Expense and Premium on U.S. Funds.....          | 61,333 66              |                        |
|   | <u>245,141 76</u>      |                        |
| Income available for Interest due Public.....                   |                        | 8,911,690 87           |
| INTEREST ON DEBT TO THE PUBLIC.....                             |                        | 19,656 75              |
|   |                        | <u>8,892,034 12</u>    |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |                        |                        |
| Reserve for Replacements.....                                   | 2,479,109 09           |                        |
| Interest due Government.....                                    | 5,347,096 33           |                        |
|   | <u>7,826,205 42</u>    |                        |
| Net Income Surplus.....   |                        | <u>\$ 1,065,828 70</u> |



## NATIONAL HARBOURS BOARD

## CONSOLIDATED BALANCE SHEET AS

## ASSETS

## CURRENT—

|  |                 |                 |
|--|-----------------|-----------------|
| Cash-Receiver General and on hand..... | \$ 3,784,393 05 |                 |
| Accounts Receivable.....               | 3,126,713 92    |                 |
| Stores on hand.....                    | 900,423 83      |                 |
| Accrued Revenue.....                   | 234,374 33      |                 |
| Other Assets.....                      | 194,775 66      |                 |
|  |                 | \$ 8,240,680 79 |

## RESERVE FUNDS—

|  |               |               |
|--|---------------|---------------|
| Replacement Fund.....                    | 32,327,284 06 |               |
| Fire and General Insurance Fund.....     | 2,043,047 35  |               |
| General Workmen's Compensation Fund..... | 715,789 41    |               |
| N.H.B. Pension Fund.....                 | 4,979,516 57  |               |
| Miscellaneous Funds.....                 | 671,726 05    |               |
|  |               | 40,737 363 44 |

|                  |            |
|------------------|------------|
| INVESTMENTS..... | 657,547 02 |
|------------------|------------|

|                       |           |
|-----------------------|-----------|
| PREPAID EXPENSES..... | 19,080 69 |
|-----------------------|-----------|

|                                |            |
|--------------------------------|------------|
| CAPITAL SUSPENSE ACCOUNTS..... | 404,690 85 |
|--------------------------------|------------|

|  |              |
|--|--------------|
| BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT (BRIDGE-MONTREAL)..... | 1,032,450 62 |
|--|--------------|

|                                     |            |
|-------------------------------------|------------|
| CONTRACTORS' SECURITY DEPOSITS..... | 633,781 05 |
|-------------------------------------|------------|

## FIXED—

|  |               |                          |
|--|---------------|--------------------------|
| Harbour Dredging.....                          | 12,199,603 53 |                          |
| Real Estate.....                               | 12,382,257 31 |                          |
| Vehicular Bridges.....                         | 202,186 25    |                          |
| Roads, Fences and Boundaries.....              | 2,001,902 17  |                          |
| Sewers and Drains.....                         | 825,919 43    |                          |
| Miscellaneous Structures.....                  | 737,849 57    |                          |
| Wharves and Piers.....                         | 92,294,626 33 |                          |
| Permanent Sheds.....                           | 24,356,545 43 |                          |
| Shed Hoists and Electric Cranes.....           | 249,283 13    |                          |
| Railway System.....                            | 7,748,660 95  |                          |
| Grain Elevator System.....                     | 41,862,129 66 |                          |
| Cold Storage System.....                       | 5,881,970 40  |                          |
| Office Furniture and Appliances.....           | 197,888 40    |                          |
| Harbour Buildings.....                         | 1,753,360 64  |                          |
| Central Heating Plants.....                    | 128,072 99    |                          |
| Harbour Shops.....                             | 336,374 91    |                          |
| Electric Power System.....                     | 1,260,242 40  |                          |
| Water Supply System.....                       | 984,234 83    |                          |
| Floating Equipment.....                        | 2,212,699 66  |                          |
| Shore Equipment.....                           | 980,847 87    |                          |
| Miscellaneous Small Plant.....                 | 598,043 67    |                          |
| Engineering-General Surveys.....               | 109,441 06    |                          |
| Works under Construction.....                  | 827,753 07    |                          |
| Sundry Expenditure-Undistributed.....          | 3,769,450 26  |                          |
| Bridge Construction and Right-of-way, etc..... | 18,565,764 94 |                          |
|  |               | 232,467,108 86           |
|  |               | <u>\$ 284,192,703 32</u> |

## NATIONAL HARBOURS BOARD

AT DECEMBER 31, 1952

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

## CURRENT—

|                                    |                 |                 |
|------------------------------------|-----------------|-----------------|
| Accounts Payable.....              | \$ 1,484,872 93 |                 |
| Salaries and Wages Payable.....    | 92,881 90       |                 |
| Accrued Interest due Public.....   | 969 53          |                 |
| Matured Debentures due Public..... | 4,500 00        |                 |
| Other Current Liabilities.....     | 8,067 56        |                 |
|                                    | <hr/>           | \$ 1,591,291 92 |

|  |            |
|--|------------|
| CONTRACTORS' SECURITY DEPOSITS-CONTRA..... | 647,681 05 |
|--|------------|

|  |            |
|--|------------|
| CONTRACTORS' HOLDBACKS-CONSTRUCTION..... | 210,675 78 |
|--|------------|

|                                    |            |
|------------------------------------|------------|
| ACCOUNTS PAYABLE-CONSTRUCTION..... | 489,593 65 |
|------------------------------------|------------|

|  |              |
|--|--------------|
| PROVISION FOR EMPLOYEES' PENSIONS..... | 4,979,516 57 |
|--|--------------|

|   |            |
|---|------------|
| PROVISION FOR WORKMEN'S COMPENSATION..... | 715,789 41 |
|---|------------|

|                       |            |
|-----------------------|------------|
| DEFERRED REVENUE..... | 348,864 98 |
|-----------------------|------------|

|                                       |          |
|---------------------------------------|----------|
| DERENTURE INDERTEDNESS TO PUBLIC..... | 3,329 31 |
|---------------------------------------|----------|

|  |       |              |
|--|-------|--------------|
|  | <hr/> | 8,986,742 67 |
|--|-------|--------------|

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

## Loans and Advances—

|                           |                  |                  |
|---------------------------|------------------|------------------|
| Non-Interest bearing..... | \$ 55,713,177 47 |                  |
| Interest bearing.....     | 189,681 687 98   |                  |
| Accrued Interest.....     | 34,198,448 47    |                  |
|                           | <hr/>            | \$279,593,313 92 |

## Reserves for—

|                                 |               |                |
|---------------------------------|---------------|----------------|
| Replacement.....                | 59,089,764 35 |                |
| Fire and General Insurance..... | 2,044,548 38  |                |
| Miscellaneous Purposes.....     | 619,530 79    |                |
|                                 | <hr/>         | 61,753,843 52  |
|                                 |               | <hr/>          |
|                                 |               | 341,347,157 44 |

## Deficit—

|                                  |               |                   |
|----------------------------------|---------------|-------------------|
| As at Jan. 1, 1952.....          | 35,547,210 87 |                   |
| Profit on 1952 Operations.....   | 1,065,828 70  |                   |
| Adjustments during the year..... | 31,659,814 62 |                   |
|                                  | <hr/>         | 66,141,196 79     |
|                                  |               | <hr/>             |
|                                  |               | 275,205,960 65    |
|                                  |               | <hr/>             |
|                                  |               | \$ 284,192,703 32 |

## HARBOUR OF HALIFAX

The Harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. Here, the National Harbours Board operates eight main piers and wharves having about 17,000 linear feet of berthing and being equipped with 15 transit sheds with an aggregate floor area of about 1,241,100 square feet. In addition, the Board operates a 2,200,000 bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour and a marine tower with an unloading capacity of 15,000 bushels per hour; also a cold storage terminal warehouse, with about 1,655,350 cubic feet of storage space, completely fitted with freezing, storing and packing equipment and ample rail connections.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 3,122                   | 5,711,444                    |
| 1951.....          | 3,094                   | 5,231,021                    |
| 1950.....          | 3,012                   | 4,405,238                    |
| 1949.....          | 2,827                   | 4,305,605                    |
| 1948.....          | 2,579                   | 4,179,092                    |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 3,126                   | 5,724,235                    |
| 1951.....          | 3,087                   | 5,206,807                    |
| 1950.....          | 3,027                   | 4,481,166                    |
| 1949.....          | 2,788                   | 4,245,094                    |
| 1948.....          | 2,577                   | 4,191,991                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|  | 1952                    |                              | 1951                    |                              |
|--|-------------------------|------------------------------|-------------------------|------------------------------|
|  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                     |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 1,614                   | 5,528,132                    | 1,475                   | 5,037,936                    |
| Coastal or inland commercial (including fishery).... | 1,466                   | 157,937                      | 1,571                   | 165,962                      |
| Other.....   | 42                      | 25,375                       | 48                      | 27,123                       |
| Total.....   | 3,122                   | 5,711,444                    | 3,094                   | 5,231,021                    |
| <i>Departures—</i>                                   |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 1,624                   | 5,540,757                    | 1,464                   | 5,015,176                    |
| Coastal or inland commercial (including fishery).... | 1,461                   | 156,439                      | 1,578                   | 165,994                      |
| Other.....   | 41                      | 27,039                       | 45                      | 25,637                       |
| Total.....   | 3,126                   | 5,724,235                    | 3,087                   | 5,206,807                    |

(Exclusive of naval vessels).

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1952.....        | 2,171,826 | 823,863   | 2,995,689 |
| 1951.....        | 1,828,553 | 622,683   | 2,451,236 |
| 1950.....        | 1,898,306 | 562,867   | 2,461,173 |
| 1949.....        | 1,754,331 | 900,026   | 2,654,357 |
| 1948.....        | 1,888,671 | 1,083,417 | 2,972,088 |
| <i>Domestic—</i> |           |           |           |
| 1952.....        | 406,958   | 1,143,355 | 1,550,313 |
| 1951.....        | 467,713   | 959,326   | 1,427,039 |
| 1950.....        | 352,905   | 910,083   | 1,262,988 |
| 1949.....        | 255,567   | 656,331   | 911,898   |
| 1948.....        | 316,892   | 340,226   | 657,118   |
| <i>Total—</i>    |           |           |           |
| 1952.....        | 2,578,784 | 1,967,218 | 4,546,002 |
| 1951.....        | 2,296,266 | 1,582,009 | 3,878,275 |
| 1950.....        | 2,251,211 | 1,472,950 | 3,724,161 |
| 1949.....        | 2,009,898 | 1,556,357 | 3,566,255 |
| 1948.....        | 2,205,563 | 1,423,643 | 3,629,206 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Petroleum Oil, crude.....   | 1,331,903      | 1,331,903       | 1,331,903     | 1,044,436     |
| Petroleum Oil, fuel.....  | 368,710        | 733,092         | 1,101,802     | 962,784       |
| Gasoline.....   | 327,177        | 260,505         | 587,682       | 533,868       |
| Grain.....  | 3,412          | 317,123         | 320,535       | 174,407       |
| Coal, bituminous.....   | 162,100        | 162,100         | 162,100       | 136,512       |
| Flour, wheat.....   | .....          | 104,379         | 104,379       | 94,580        |
| Fish (including Shell-fish), dried, pickled, salted or smoked.....  | 33,337         | 55,781          | 89,118        | 89,259        |
| Lumber (Planks, Boards and Flooring) and Square Timber.....   | 430            | 75,600          | 76,030        | 70,572        |
| Cement, common or portland.....   | 40,065         | 2,391           | 42,456        | 56,145        |
| Coal, anthracite.....   | 41,145         | 361             | 41,506        | 46,182        |
| Rubber, crude (including Latex).....  | 39,613         | 1,805           | 41,418        | 49,594        |
| Fish (including Shell-fish), fresh or frozen.....   | 33,839         | 384             | 34,223        | 38,820        |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and Ties (railway).....                                    | .....          | 33,819          | 33,819        | 15,696        |
| Kerosene.....   | 25,667         | 6,943           | 32,610        | 13,355        |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods, sheets or slabs.....                                  | .....          | 28,721          | 28,721        | 23,946        |
| Motor Vehicles and Parts.....   | 15,933         | 8,164           | 24,097        | 31,599        |
| Copper Concentrates, Matte and Ore.....   | 535            | 21,188          | 21,723        | 16,010        |
| Asbestos and Asbestos Manufactures.....   | 81             | 17,990          | 18,071        | 11,526        |
| Potatoes.....   | 5              | 17,408          | 17,413        | 44,170        |
| Paper, newsprint.....   | .....          | 16,809          | 16,809        | 14,879        |
| Wood-pulp.....  | 1              | 14,441          | 14,442        | 17,027        |
| Pulpwood.....   | .....          | 13,995          | 13,995        | 8,027         |
| Salt.....   | 11,777         | 794             | 12,571        | 8,177         |
| Tea.....  | 11,564         | 229             | 11,793        | 11,881        |
| Feed, animal or poultry, not otherwise specified.....   | .....          | 11,646          | 11,646        | 8,027         |
| Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin Plate..... | 9,077          | 2,336           | 11,413        | 13,792        |
| Explosives, including Fuses and Blasting Caps.....  | 25             | 11,052          | 11,077        | 5,511         |
| Fertilizers and Fertilizer Materials.....   | 6,446          | 4,011           | 10,457        | 11,929        |
| All Goods not otherwise specified.....  | 115,942        | 206,251         | 322,193       | 325,564       |
| Total.....  | 2,578,784      | 1,967,218       | 4,546,002     | 3,878,275     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1952.....         | 80,014 | 6,758    | 86,772  |
| 1951.....         | 98,460 | 4,874    | 103,334 |
| 1950.....         | 37,857 | 3,567    | 41,424  |
| 1949.....         | 60,351 | 13,937   | 74,288  |
| 1948.....         | 73,224 | 14,206   | 87,430  |
| <i>Coastwise—</i> |        |          |         |
| 1952.....         | 22     | 39       | 61      |
| 1951.....         | 189    | 159      | 348     |
| 1950.....         | 244    | 266      | 510     |
| 1949.....         | 632    | 560      | 1,192   |
| 1948.....         |        |          |         |
| <i>Total—</i>     |        |          |         |
| 1952.....         | 80,036 | 6,797    | 86,833  |
| 1951.....         | 98,649 | 5,033    | 103,682 |
| 1950.....         | 38,101 | 3,833    | 41,934  |
| 1949.....         | 60,983 | 14,497   | 75,480  |
| 1948.....         | 73,224 | 14,206   | 87,430  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1952, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1952.....         | 74,683     | 10,172,923 | 10,247,606 |
| 1951.....         |            | 5,591,205  | 5,591,205  |
| 1950.....         |            | 6,497,777  | 6,497,777  |
| 1949.....         |            | 9,335,862  | 9,335,862  |
| 1948.....         |            | 7,429,622  | 7,429,622  |
| <i>Via rail—</i>  |            |            |            |
| 1952.....         | 10,604,555 |            | 10,604,555 |
| 1951.....         | 6,210,547  |            | 6,210,547  |
| 1950.....         | 5,009,257  |            | 5,009,257  |
| 1949.....         | 9,987,343  | 2,000      | 9,989,343  |
| 1948.....         | 8,614,307  | 3,733      | 8,618,040  |
| <i>Via other—</i> |            |            |            |
| 1952.....         |            | 27,333     | 27,333     |
| 1951.....         |            | 363,927    | 363,927    |
| 1950.....         |            | 32,408     | 32,408     |
| 1949.....         |            | 43,044     | 43,044     |
| 1948.....         |            | 42,395     | 42,395     |
| <i>Total—</i>     |            |            |            |
| 1952.....         | 10,679,238 | 10,200,256 | 20,879,494 |
| 1951.....         | 6,210,547  | 5,955,132  | 12,165,679 |
| 1950.....         | 5,009,257  | 6,530,185  | 11,539,442 |
| 1949.....         | 9,987,343  | 9,380,906  | 19,368,249 |
| 1948.....         | 8,614,307  | 7,475,750  | 16,090,057 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$336,483. The main items were repairs to concrete cope wall at pier 9; renewal of roof of the immigration annex, renewal of the platform and canopy roof at the immigration annex; replacement of doors of shed 28; replacement of return and car spouts at the grain elevator; repairs to structural steel in the elevator work house; repairs to timber bents in the grain conveyor system; retubing ammonia condensers and replacement of ice making cans at the cold storage plant; reconditioning the floating crane; replacement of the timber cribwork at pier 9 roadway; repairs to paved roads; repairs to foundations and siding of the cattle shed; resurfacing part of floor of shed 23; replacement and painting of steel sheathing of pier B sheds; and reinforcing vertical fenders at pier 3.

## CAPITAL WORKS

The expenditure on capital account during 1952 amounted to \$323,525, of which \$1,356 was provided from replacement fund. The principal items were:—

*Transit Sheds, Pier 3.*—A contract was awarded to E. G. M. Cape & Company in November, 1950, for the construction of two transit sheds on pier 3. Each shed is 726 feet by 90 feet, with structural steel framing, corrugated steel siding, mill type roof and equipped with a cargo beam. All work was fully completed early in the year, including installation of passenger gangways, fire fighting and life saving equipment.

*Paving Approach Area, Pier 3.*—A contract for paving the approaches to pier 3 was awarded to Standard Paving Maritime Limited in September. The work was completed before the end of the year.

*Refrigeration Equipment for Cold Storage Plant.*—In November, 1951, a contract was awarded to Canadian Ice Machine Co. Ltd. for the supply and installation of additional refrigeration equipment in the cold storage plant. This work was practically completed at the year end.

*Minor Items.*—These included the purchase of a one-half ton pick-up truck; installation of additional fire alarm boxes at Ocean terminals; purchase of a new motor boat; construction of a refuse incinerator; painting shed 26 and gallery 26; the conversion of an old office building into a garage and workshop; and the purchase of a 15 to 20 ton capacity ice crusher slinger.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,606,576, as compared with \$1,338,348 in 1951, the increase being \$268,228. Operating and maintenance expenses increased by \$206,751, being \$1,251,530 in 1952, as against \$1,044,779 in the previous year.

After taking into account miscellaneous income credits and debits and charging interest due the Government and reserve for replacements, the year's operations resulted in a net income deficit of \$312,570, as compared with a deficit of \$363,587 in 1951.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 48,315 32 |              |
| Miscellaneous..... | 7,034 36     |              |
|                    |              | \$ 55,349 68 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 424,141 35 |            |
| Dockage.....       | 145,772 35 |            |
| Miscellaneous..... | 48,961 91  |            |
|                    |            | 618,875 61 |

## Permanent Sheds—

|                    |            |            |
|--------------------|------------|------------|
| Shed Rentals.....  | 148,802 19 |            |
| Storage.....       | 56,447 79  |            |
| Miscellaneous..... | 35,672 44  |            |
|                    |            | 240,922 42 |

## Grain Elevator System—

|                    |            |            |
|--------------------|------------|------------|
| Elevation.....     | 166,677 82 |            |
| Storage.....       | 53,772 36  |            |
| Miscellaneous..... | 12,499 98  |            |
|                    |            | 232,950 16 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 266,053 00 |            |
| Miscellaneous..... | 132,910 31 |            |
|                    |            | 398,963 31 |

## Miscellaneous Services—Outsiders.....

|  |                |
|--|----------------|
|  | 59,514 92      |
|  | \$1,606,576 10 |

## OPERATING EXPENSES—

|                     |            |
|---------------------|------------|
| Administration..... | 129,186 72 |
|---------------------|------------|

## Operation and Maintenance—

|                                       |              |              |
|---------------------------------------|--------------|--------------|
| Harbour General.....                  | 129,587 29   |              |
| Roads, Fences and Boundaries.....     | 12,483 48    |              |
| Sewers and Drains.....                | 1,476 03     |              |
| Wharves and Piers.....                | 75,047 14    |              |
| Permanent Sheds.....                  | 305,310 39   |              |
| Grain Elevator System.....            | 228,282 80   |              |
| Cold Storage System.....              | 329,284 55   |              |
| Miscellaneous Services—Outsiders..... | 40,871 97    |              |
|                                       | 1,122,343 65 |              |
|                                       |              | 1,251,530 37 |

|                       |            |
|-----------------------|------------|
| Operating Income..... | 355,045 73 |
|-----------------------|------------|

|   |            |
|---|------------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 111,879 66 |
|---|------------|

|                                   |            |
|-----------------------------------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 2,321 47   |
|                                   | 114,201 13 |

|                   |            |
|-------------------|------------|
| Total Income..... | 469,246 86 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |            |
|---|----------|------------|
| Income received from Reserve Funds transferred to Reserves..... | 5,118 69 |            |
| Reserve for Bad Debts.....                                      | 963 07   |            |
|   |          | 6,081 76   |
|   |          | 463,165 10 |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 329,371 12 |            |
| Interest due Government.....  | 446,363 57 |            |
|                               |            | 775,734 69 |

|                                 |               |
|---------------------------------|---------------|
| Net Income <i>Deficit</i> ..... | \$ 312,569 59 |
|---------------------------------|---------------|



## BALANCE SHEET AS AT DECEMBER 31, 1952

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

|  |                    |
|--|--------------------|
| CURRENT—                                   |                    |
| Accounts Payable.....                      | \$ 68,217 04       |
| Salaries and Wages Payable.....            | 9,766 90           |
| Matured Debentures due Public.....         | 4,500 00           |
| Matured Interest due Public.....           | 697 50             |
|  | <hr/> \$ 83,181 44 |
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 6,666 05           |
| ACCOUNTS PAYABLE—CONSTRUCTION.....         | 24,010 57          |
| DEFERRED REVENUE.....                      | 17,043 61          |
|  | <hr/> 130,901 67   |

# PROPRIETARY EQUITY

|                              |                       |
|------------------------------|-----------------------|
| GOVERNMENT OF CANADA—        |                       |
| Loans and Advances—          |                       |
| Non-Interest bearing.....    | \$16,678,136 53       |
| Interest bearing.....        | 16,323,350 98         |
| Accrued Interest.....        | 2,367,312 71          |
|                              | <hr/> 35,368,800 22   |
| Reserves for—                |                       |
| Replacement.....             | 7,268,604 57          |
| Fire and General Insurance.. | 194,250 75            |
|                              | <hr/> 7,462,855 32    |
|                              | <hr/> 42,831,655 54   |
| Deficit—                     |                       |
| As at Jan. 1, 1952.....      | 1,430,081 05          |
| Loss on 1952 Operations..... | 312,569 59            |
| Adjustments during 1952....  | 6,253,740 55          |
|                              | <hr/> 7,996,391 19    |
|                              | <hr/> 34,835,264 35   |
|                              | <hr/> \$34,966,166 02 |

|                      |                      |
|----------------------|----------------------|
| 30,049,406 15        | 1,990,991 15         |
| <u>30,049,406 15</u> | <u>34,835,264 35</u> |
| 34,866,166 02        | 834,966,166 02       |
| <u>34,866,166 02</u> |                      |



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the North Shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. Here the Board operates 10 main wharves and piers having some 13,755 linear feet of berthing with available drafts alongside varying from 25 to 35 feet at extreme low water, and 18 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 868,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,500,000 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and 15-ton and 65-ton floating cranes are available.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 1,834                   | 2,656,227                    |
| 1951.....          | 1,719                   | 2,395,124                    |
| 1950.....          | 1,606                   | 2,285,926                    |
| 1949.....          | 1,645                   | 2,337,215                    |
| 1948.....          | 1,655                   | 2,366,364                    |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 1,845                   | 2,674,359                    |
| 1951.....          | 1,713                   | 2,397,132                    |
| 1950.....          | 1,595                   | 2,252,988                    |
| 1949.....          | 1,652                   | 2,383,130                    |
| 1948.....          | 1,639                   | 2,372,140                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952                    |                              | 1951                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 679                     | 1,926,026                    | 611                     | 1,677,426                    |
| Coastal or inland commercial (including fishery)..... | 1,125                   | 724,497                      | 1,076                   | 711,477                      |
| Other.....  | 30                      | 5,704                        | 32                      | 6,221                        |
| Total.....  | 1,834                   | 2,656,227                    | 1,719                   | 2,395,124                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 690                     | 1,944,986                    | 604                     | 1,678,633                    |
| Coastal or inland commercial (including fishery)..... | 1,125                   | 723,345                      | 1,076                   | 711,956                      |
| Other.....  | 30                      | 6,028                        | 33                      | 6,543                        |
| Total.....  | 1,845                   | 2,674,359                    | 1,713                   | 2,397,132                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1952.....        | 571,382   | 1,629,027 | 2,200,409 |
| 1951.....        | 659,244   | 1,217,162 | 1,876,406 |
| 1950.....        | 713,918   | 928,617   | 1,642,535 |
| 1949.....        | 605,087   | 1,363,558 | 1,968,645 |
| 1948.....        | 590,021   | 1,622,886 | 2,212,907 |
| <i>Domestic—</i> |           |           |           |
| 1952.....        | 378,281   | 117,701   | 495,982   |
| 1951.....        | 369,485   | 111,674   | 481,159   |
| 1950.....        | 335,155   | 93,610    | 428,765   |
| 1949.....        | 347,762   | 99,488    | 447,250   |
| 1948.....        | 453,046   | 81,020    | 534,066   |
| <i>Total—</i>    |           |           |           |
| 1952.....        | 949,663   | 1,746,728 | 2,696,391 |
| 1951.....        | 1,028,729 | 1,328,836 | 2,357,565 |
| 1950.....        | 1,049,073 | 1,022,227 | 2,071,300 |
| 1949.....        | 952,849   | 1,463,046 | 2,415,895 |
| 1948.....        | 1,043,067 | 1,703,906 | 2,746,973 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Ton)           | (Tons)        | (Tons)        |
| Grain.....   | 452,043        | 452,043         | 357,250       |               |
| Petroleum Oil, fuel.....   | 248,145        | 25,376          | 273,521       | 219,271       |
| Flour, wheat.....  |                | 208,271         | 208,271       | 256,038       |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....  |                | 183,685         | 183,685       | 35,434        |
| Sugar, raw.....  | 176,796        | 15              | 176,811       | 184,324       |
| Gasoline.....  | 124,786        | 15,565          | 140,351       | 162,741       |
| Pulpwood.....  |                | 140,127         | 140,127       | 109,907       |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....   | 6,540          | 82,215          | 88,755        | 80,965        |
| Wood-pulp.....   |                | 88,579          | 88,579        | 42,318        |
| Paper, newsprint.....  | 10             | 84,678          | 84,688        | 50,677        |
| Fertilizers and Fertilizer Materials.....  | 75,912         | 29              | 75,941        | 52,373        |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs.....                                      | 237            | 59,018          | 59,255        | 31,531        |
| Asbestos and Asbestos Manufactures.....  | 513            | 45,511          | 46,024        | 37,879        |
| Motor Vehicles and Parts.....  | 24,069         | 20,133          | 44,202        | 75,025        |
| Iron or Steel, Band, Bars not otherwise specified,<br>Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin<br>Plate..... | 36,985         | 1,810           | 38,795        | 42,609        |
| Potatoes.....  |                | 30,285          | 30,285        | 40,238        |
| Ferro-alloys.....  | 622            | 22,275          | 22,897        | 17,940        |
| Coal, anthracite.....  | 20,135         | 121             | 20,256        | 19,760        |
| Machinery and Parts (except agricultural).....   | 11,748         | 5,814           | 17,562        | 22,784        |
| Copper, refined, in bars, billets, cakes, cathodes, in-<br>gots or slabs.....  |                | 15,854          | 15,854        | 16,420        |
| Tobacco and Tobacco Manufactures.....  | 74             | 15,197          | 15,271        | 6,868         |
| Iron or Steel, structural.....   | 13,762         | 689             | 14,451        | 12,899        |
| Flax.....  |                | 13,789          | 13,789        |               |
| Iron or Steel Manufactures not otherwise specified....   | 6,898          | 4,949           | 11,847        | 7,834         |
| Tea.....   | 11,283         | 345             | 11,628        | 8,304         |
| Glass and Glass Manufactures.....  | 10,524         | 609             | 11,133        | 21,613        |
| Fish (including Shell-fish), canned or preserved.....  | 5,767          | 4,896           | 10,663        | 9,322         |
| Beverages, alcoholic.....  | 8,320          | 1,999           | 10,319        | 9,491         |
| All Goods not otherwise specified.....   | 166,537        | 222,851         | 389,388       | 425,750       |
| Total.....   | 949,663        | 1,746,728       | 2,696,391     | 2,357,565     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1952.....         | 7,466  | 2,634    | 10,100  |
| 1951.....         | 8,538  | 2,544    | 11,082  |
| 1950.....         | 2,795  | 3,190    | 5,985   |
| 1949.....         | 862    | 3,763    | 4,625   |
| 1948.....         | 984    | 1,788    | 2,772   |
| <i>Coastwise—</i> |        |          |         |
| 1952.....         | 58,529 | 60,755   | 119,284 |
| 1951.....         | 55,154 | 52,117   | 107,271 |
| 1950.....         | 35,836 | 34,407   | 70,243  |
| 1949.....         | 51,481 | 49,021   | 100,502 |
| 1948.....         | 53,273 | 51,142   | 104,415 |
| <i>Total—</i>     |        |          |         |
| 1952.....         | 65,995 | 63,389   | 129,384 |
| 1951.....         | 63,692 | 54,661   | 118,353 |
| 1950.....         | 38,631 | 37,597   | 76,228  |
| 1949.....         | 52,343 | 52,784   | 105,127 |
| 1948.....         | 54,257 | 52,930   | 107,187 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1952, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1952.....         | 15,905,880 | 15,905,880 | 15,905,880 |
| 1951.....         | 11,888,939 | 11,888,939 | 11,888,939 |
| 1950.....         | 10,613,783 | 10,613,783 | 10,613,783 |
| 1949.....         | 14,024,281 | 14,024,281 | 14,024,281 |
| 1948.....         | 12,333,841 | 12,333,841 | 12,333,841 |
| <i>Via rail—</i>  |            |            |            |
| 1952.....         | 16,103,581 | 5,328      | 16,108,909 |
| 1951.....         | 12,789,414 | 566,221    | 13,355,635 |
| 1950.....         | 10,993,806 | 330,229    | 11,324,035 |
| 1949.....         | 14,634,883 | 295,385    | 14,930,268 |
| 1948.....         | 12,555,428 | 139,397    | 12,694,825 |
| <i>Via other—</i> |            |            |            |
| 1952.....         |            | 1,508      | 1,508      |
| 1951.....         |            |            |            |
| 1950.....         |            |            |            |
| 1949.....         |            |            |            |
| 1948.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1952.....         | 16,103,581 | 15,912,716 | 32,016,297 |
| 1951.....         | 12,789,414 | 12,455,160 | 25,244,574 |
| 1950.....         | 10,993,806 | 10,944,012 | 21,937,818 |
| 1949.....         | 14,634,883 | 14,319,666 | 28,954,549 |
| 1948.....         | 12,555,428 | 12,473,238 | 25,028,666 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$240,280. The principal items were the dredging of eleven berths, ten of which were dredged to a minimum depth of 30 feet, and one to 28 feet, at extreme low tide; refacing concrete wharf walls at outer end of pier 13-14, and the inner bulkhead south of berth 14; repairs to timber trestle approaching berths 5, 6 and 7; painting interior structural steel frames at sheds 7 and 12; repairs to roofs of sheds 3, 11 and 12; painting exterior surface of corrugated steel grain galleries at berths 1, 2, 3, 11, 12 and 13.

## CAPITAL WORKS

Capital expenditure amounted to \$721,455. The work consisted of:—

*Construction of Pugsley Wharf Extension.*—A contract was awarded in 1952 to Standard Dredging Co. Ltd. for the replacement of the old, wooden wharves at the south end of Pugsley terminal with an 875 ft. extension. The new pier will consist of concrete cribs filled and backfilled with gravel and with a concrete cope wall. About 25 per cent of the work was completed during the year.

*Purchase of Property.*—A piece of property adjacent to the north end of Pugsley terminal was purchased.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$906,517, as compared with \$728,649 in 1951, the increase being \$177,868. Operating and maintenance expenses totalled \$661,185, as against \$576,255 in the previous year, the increase being \$84,930.

After taking into account miscellaneous income credits and debits, paying \$19,657 as interest on debt to the public, and charging reserve for replacements and interest due the Government, there was a net income deficit of \$598,869 in 1952, as against a deficit of \$695,615 in 1951.

On August 1, 1952, there fell due \$667,954, 5% debentures of the Saint John Harbour Commissioners, issued in part consideration for harbour properties transferred by the city to the Commissioners in 1927. The Board borrowed a like amount from the Government at  $3\frac{3}{4}\%$  interest to meet this indebtedness.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                    |                   |              |
|--------------------|-------------------|--------------|
| Harbour Dues.....  | \$ 22,252 91      |              |
| Miscellaneous..... | 22,497 85         |              |
|                    | <u>          </u> | \$ 44,750 76 |

## Wharves and Piers—

|                   |                   |            |
|-------------------|-------------------|------------|
| Top Wharfage..... | 478,679 55        |            |
| Dockage.....      | 187,592 90        |            |
|                   | <u>          </u> | 666,272 45 |

## Permanent Sheds—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Shed Rentals.....  | 22,656 24         |           |
| Storage.....       | 31,485 15         |           |
| Miscellaneous..... | 2,197 27          |           |
|                    | <u>          </u> | 56,338 66 |

## Railway System.....

230 00

## Grain Elevator System—

|                                    |           |  |
|------------------------------------|-----------|--|
| Receipts from joint operation..... | 44,132 69 |  |
|------------------------------------|-----------|--|

|                                       |                   |               |
|---------------------------------------|-------------------|---------------|
| Miscellaneous Services—Outsiders..... | 94,792 92         |               |
|                                       | <u>          </u> | \$ 906,517 48 |

## OPERATING EXPENSES—

|                     |           |  |
|---------------------|-----------|--|
| Administration..... | 74,020 08 |  |
|---------------------|-----------|--|

## Operation and Maintenance

|                                       |                   |            |
|---------------------------------------|-------------------|------------|
| Harbour Dredging.....                 | 99,577 31         |            |
| Harbour General.....                  | 133,150 74        |            |
| Vehicular Bridges.....                | 979 76            |            |
| Roads, Fences and Boundaries.....     | 6,273 01          |            |
| Sewers and Drains.....                | 1,231 82          |            |
| Wharves and Piers.....                | 81,927 95         |            |
| Permanent Sheds.....                  | 127,800 92        |            |
| Grain Elevator System.....            | 21,201 41         |            |
| Miscellaneous Services—Outsiders..... | 115,021 55        |            |
|                                       | <u>          </u> | 587,164 47 |

661,184 55

|                       |            |
|-----------------------|------------|
| Operating Income..... | 245,332 93 |
|-----------------------|------------|

|   |            |
|---|------------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 118,338 06 |
|---|------------|

|                                   |                   |            |
|-----------------------------------|-------------------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 370 97            |            |
|                                   | <u>          </u> | 118,709 03 |

|                   |            |
|-------------------|------------|
| Total Income..... | 364,041 96 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |  |
|---|----------|--|
| Income received from Reserve Funds transferred to Reserves..... | 5,534 53 |  |
|---|----------|--|

|   |            |
|---|------------|
| Income Available for Interest due Public..... | 358,507 43 |
|---|------------|

|                                     |           |
|-------------------------------------|-----------|
| INTEREST ON DEBT TO THE PUBLIC..... | 19,656 75 |
|-------------------------------------|-----------|

338,850 68

## OTHER INCOME REQUIREMENTS—

|                               |            |  |
|-------------------------------|------------|--|
| Reserve for Replacements..... | 370,473 62 |  |
|-------------------------------|------------|--|

|                              |                   |            |
|------------------------------|-------------------|------------|
| Interest due Government..... | 567,245 69        |            |
|                              | <u>          </u> | 937,719 31 |

|                         |               |
|-------------------------|---------------|
| Net Income Deficit..... | \$ 598,868 63 |
|-------------------------|---------------|

# Harbour of Saint John

BALANCE SHEET AS AT DECEMBER 31, 1952

## ASSETS

|   |                      |
|---|----------------------|
| <b>CURRENT—</b>   |                      |
| Cash, on hand and on deposit with Receiver General of Canada..... | \$ 195,889 51        |
| Accounts Receivable.....  | \$ 103,749 65        |
| Less—Reserve for Bad Debts....                                    | 144 14               |
| Stores on Hand.....   | 103,605 51           |
| Accrued Revenue.....  | 28,123 81            |
|   | 11,662 50            |
|   | <u>\$ 339,281 33</u> |

|   |                     |
|---|---------------------|
| <b>CONTRACTORS' SECURITY DEPOSITS</b> ..... | 250,861 34          |
| <b>RESERVE FUNDS—</b>                       |                     |
| Replacement Fund.....                       | 3,965,272 65        |
| Fire and General Insurance Fund.....        | 211,025 73          |
|   | <u>4,176,298 38</u> |

|                                      |                      |
|--------------------------------------|----------------------|
| <b>PREPAID EXPENSES</b> .....        | 328 29               |
| <b>CAPITAL SUSPENSE</b> .....        | 5,004 80             |
| <b>FIXED—</b>                        |                      |
| Harbour Dredging.....                | 1,229,568 10         |
| Real Estate.....                     | 2,032,249 20         |
| Vehicular Bridges.....               | 30,107 37            |
| Roads, Fences and Boundaries.....    | 150,969 66           |
| Wharves and Piers.....               | 16,443,375 77        |
| Permanent Sheds.....                 | 3,656,962 96         |
| Railway System.....                  | 192,660 57           |
| Grain Elevator System.....           | 4,210,464 87         |
| Office Furniture and Appliances..... | 18,485 23            |
| Harbour Buildings.....               | 66,903 67            |
| Central Heating Plants.....          | 44,901 54            |
| Water Supply System.....             | 14,315 67            |
| Floating Equipment.....              | 208,335 92           |
| Shore Equipment.....                 | 155,365 99           |
| Miscellaneous Small Plant.....       | 17,454 34            |
| Works under Construction.....        | 713,677 35           |
|                                      | <u>29,185,798 21</u> |

\$33,957,572 35

## LIABILITIES AND PROPRIETARY EQUITY

### LIABILITIES

|   |                     |
|---|---------------------|
| <b>CURRENT—</b>                                     |                     |
| Accounts Payable.....                               | \$ 21,002 78        |
| Salaries and Wages Payable.....                     | 4,877 04            |
| Accrued Interest due Public.....                    | 272 03              |
|   | <u>\$ 26,151 85</u> |
| <b>DEBENTURE INDEBTEDNESS TO PUBLIC</b> .....       | 3,329 31            |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.</b> ..... | 250,861 34          |
| <b>ACCOUNTS PAYABLE—CONSTRUCTION</b> .....          | 173,372 80          |
| <b>CONTRACTORS' HOLDBACKS—CONSTRUCTION</b> .....    | 68,030 84           |
| <b>DEFERRED REVENUE</b> .....                       | 8,459 05            |
|   | <u>530,405 19</u>   |

### PROPRIETARY EQUITY

|                                  |                        |
|----------------------------------|------------------------|
| <b>GOVERNMENT OF CANADA—</b>     |                        |
| Loans and Advances—              |                        |
| Non-interest bearing.....        | \$ 6,961,410 28        |
| Interest bearing.....            | 21,766,965 81          |
| Accrued Interest.....            | 6,234,579 19           |
|                                  | <u>34,962,955 28</u>   |
| <b>Reserves for—</b>             |                        |
| Replacement.....                 | 6,902,641 65           |
| Fire and General Insurance... .. | 211,151 48             |
|                                  | <u>7,113,793 13</u>    |
|                                  | 42,076,748 41          |
| <b>Deficit—</b>                  |                        |
| As at Jan. 1, 1952.....          | 5,813,771 15           |
| Loss on 1952 Operations.....     | 598,868 63             |
| Adjustments during 1952.....     | 2,236,941 47           |
|                                  | <u>8,649,581 25</u>    |
|                                  | 33,427,167 16          |
|                                  | <u>\$33,957,572 35</u> |

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the Board include 2,500 linear feet of wharf accommodating ships of 26 feet draft, a concrete fireproof shed, 400 feet by 60 feet, a frame shed, 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 195                     | 153,992                      |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 194                     | 153,977                      |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| 1948.....          | 181                     | 154,433                      |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952                    |                              | 1951                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 40                      | 63,448                       | 51                      | 77,885                       |
| Coastal or inland commercial (including fishery)..... | 142                     | 89,884                       | 152                     | 76,982                       |
| Other.....  | 13                      | 660                          | 24                      | 1,672                        |
| Total.....  | 195                     | 153,992                      | 227                     | 156,539                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 40                      | 63,448                       | 51                      | 77,885                       |
| Coastal or inland commercial (including fishery)..... | 142                     | 89,884                       | 152                     | 76,982                       |
| Other.....  | 12                      | 645                          | 24                      | 1,672                        |
| Total.....  | 194                     | 153,997                      | 227                     | 156,539                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1952.....        | 27,070  |         | 27,070  |
| 1951.....        | 27,095  |         | 27,095  |
| 1950.....        | 34,981  |         | 34,981  |
| 1949.....        | 23,236  |         | 23,236  |
| 1948.....        | 35,837  |         | 35,837  |
| <i>Domestic—</i> |         |         |         |
| 1952.....        | 250,280 | 3,350   | 253,630 |
| 1951.....        | 233,015 | 7,155   | 240,170 |
| 1950.....        | 159,827 | 6,526   | 166,353 |
| 1949.....        | 128,401 | 3,953   | 132,354 |
| 1948.....        | 188,271 | 1,762   | 190,033 |
| <i>Total—</i>    |         |         |         |
| 1952.....        | 277,350 | 3,350   | 280,700 |
| 1951.....        | 260,110 | 7,155   | 267,265 |
| 1950.....        | 194,808 | 6,526   | 201,334 |
| 1949.....        | 151,637 | 3,953   | 155,590 |
| 1948.....        | 224,108 | 1,762   | 225,870 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Coal, bituminous.....  | 167,287        |                 | 167,287       | 168,194       |
| Gasoline.....  | 54,736         |                 | 54,736        | 42,317        |
| Petroleum Oil, fuel.....                                       | 38,261         |                 | 38,261        | 25,639        |
| Coal, anthracite.....  | 9,859          |                 | 9,859         | 10,567        |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber..... |                | 3,348           | 3,348         | 4,627         |
| Glass and Glass Manufactures.....                              | 669            |                 | 669           |               |
| Cement, common or portland.....                                | 487            |                 | 487           | 1,283         |
| Potatoes.....  | 424            |                 | 424           | 306           |
| Feed, animal or poultry, not otherwise specified.....          | 357            |                 | 357           | 437           |
| Molasses.....  | 344            |                 | 344           | 346           |
| All Goods not otherwise specified.....                         | 4,926          | 2               | 4,928         | 13,549        |
| Total.....   | 277,350        | 3,350           | 280,700       | 267,265       |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1952.....         |        |          |        |
| 1951.....         |        |          |        |
| 1950.....         |        |          |        |
| 1949.....         |        |          |        |
| 1948.....         |        |          |        |
| <i>Coastwise—</i> |        |          |        |
| 1952.....         | 3,790  | 3,790    | 7,580  |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |
| <i>Total—</i>     |        |          |        |
| 1952.....         | 3,790  | 3,790    | 7,580  |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| 1948.....         | 6,125  | 6,501    | 12,626 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$7,518, consisting of general maintenance of wharves, sheds, railway tracks, roads and water system.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$86,450, as compared with \$82,417 in 1951. Expenses of operation and maintenance were \$26,037, the corresponding figure in 1951 being \$29,185.

After charging reserve for replacements and interest on debt to the Government, there was a net income deficit of \$73,187, as compared with a deficit of \$83,548 in 1951.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                    |    |        |             |
|--------------------|----|--------|-------------|
| Harbour Dues.....  | \$ | 894 02 |             |
| Miscellaneous..... |    | 240 00 |             |
|                    |    |        | \$ 1,134 02 |

## Wharves and Piers—

|                    |  |           |           |
|--------------------|--|-----------|-----------|
| Top Wharfage.....  |  | 32,462 48 |           |
| Dockage.....       |  | 4,087 48  |           |
| Miscellaneous..... |  | 42,870 23 |           |
|                    |  |           | 79,420 19 |

## Permanent Sheds—

|                   |  |          |          |
|-------------------|--|----------|----------|
| Shed Rentals..... |  | 900 00   |          |
| Storage.....      |  | 3,844 86 |          |
|                   |  |          | 4,744 86 |

|                                       |  |          |              |
|---------------------------------------|--|----------|--------------|
| Miscellaneous Services—Outsiders..... |  | 1,150 84 |              |
|                                       |  |          | \$ 86,449 91 |

## OPERATING EXPENSES—

|                     |  |          |  |
|---------------------|--|----------|--|
| Administration..... |  | 9,651 91 |  |
|---------------------|--|----------|--|

## Operation and Maintenance—

|                                       |  |          |           |
|---------------------------------------|--|----------|-----------|
| Harbour General.....                  |  | 4,930 89 |           |
| Roads, Fences and Boundaries.....     |  | 805 03   |           |
| Wharves and Piers.....                |  | 6,102 69 |           |
| Permanent Sheds.....                  |  | 1,286 44 |           |
| Railway System.....                   |  | 2,933 91 |           |
| Miscellaneous Services—Outsiders..... |  | 325 99   |           |
|                                       |  |          | 16,384 95 |
|                                       |  |          | 26,036 86 |

|                       |  |           |  |
|-----------------------|--|-----------|--|
| Operating Income..... |  | 60,413 05 |  |
|-----------------------|--|-----------|--|

|   |  |          |  |
|---|--|----------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... |  | 7,693 67 |  |
|---|--|----------|--|

|                   |  |           |  |
|-------------------|--|-----------|--|
| Total Income..... |  | 68,106 72 |  |
|-------------------|--|-----------|--|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |  |        |           |
|---|--|--------|-----------|
| Income received from Reserve Funds transferred to Reserves..... |  | 417 86 |           |
| Miscellaneous Income Charges.....                               |  | 189 75 |           |
|   |  |        | 607 61    |
|   |  |        | 67,499 11 |

## OTHER INCOME REQUIREMENTS—

|                               |  |            |            |
|-------------------------------|--|------------|------------|
| Reserve for Replacements..... |  | 35,851 99  |            |
| Interest due Government.....  |  | 104,834 44 |            |
|                               |  |            | 140,686 43 |

|                                 |    |           |  |
|---------------------------------|----|-----------|--|
| Net Income <i>Deficit</i> ..... | \$ | 73,187 32 |  |
|---------------------------------|----|-----------|--|

## Harbour of Chicoutimi

## BALANCE SHEET AS AT DECEMBER 31, 1952

## ASSETS

|   |                        |
|---|------------------------|
| CURRENT—                                  |                        |
| Cash on hand and on deposit with Receiver |                        |
| General of Canada.....\$                  | 37,840 10              |
| Accounts Receivable.....                  | 2,488 28               |
| Stores on Hand.....                       | 3,012 43               |
|   | <u>43,340 81</u>       |
| CONTRACTORS' SECURITY DEPOSITS.....       | 2,253 75               |
| RESERVE FUNDS—                            |                        |
| Replacement Fund.....                     | 329,725 64             |
| Fire and General Insurance.....           | 16,633 02              |
|   | <u>346,358 66</u>      |
| PREPAID EXPENSES.....                     | 582 74                 |
| FIXED—                                    |                        |
| Harbour Dredging.....                     | 445,827 58             |
| Real Estate.....                          | 35,625 67              |
| Roads, Fences and Boundaries.....         | 115,905 96             |
| Sewers and Drains.....                    | 165,653 09             |
| Wharves and Piers.....                    | 2,924,622 03           |
| Permanent Sheds.....                      | 124,083 29             |
| Railway System.....                       | 38,599 51              |
| Office Furniture and Appliances.....      | 4,895 60               |
| Electric Power System.....                | 4,560 98               |
| Water Supply System.....                  | 16,768 01              |
| Floating Equipment.....                   | 3,455 75               |
| Shore Equipment.....                      | 987 92                 |
| Miscellaneous Small Plant.....            | 2,289 68               |
|   | <u>3,883,275 07</u>    |
|   | <u>\$ 4,275,811 03</u> |

## LIABILITIES AND PROPRIETARY EQUITY

|  |                        |  |
|--|------------------------|--|
| CURRENT—                                   |                        |  |
| Accounts Payable.....\$                    | 219 97                 |  |
| Salaries and Wages Payable.....            | 5 00                   |  |
|  | <u>224 97</u>          |  |
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 2,253 75               |  |
| DEFERRED REVENUE.....                      | 2,596 01               |  |
|  | <u>5,074 73</u>        |  |
| LIABILITIES                                |                        |  |
| GOVERNMENT OF CANADA—                      |                        |  |
| Loans and Advances—                        |                        |  |
| Non-interest bearing.....\$                | 459,398 32             |  |
| Interest bearing.....                      | 3,812,161 20           |  |
| Accrued Interest.....                      | 2,001,628 98           |  |
|  | <u>6,273,188 50</u>    |  |
| RESERVES FOR—                              |                        |  |
| Replacement.....                           | 722,133 71             |  |
| Fire and General Insurance...              | 16,633 02              |  |
|  | <u>738,766 73</u>      |  |
| DEFICIT—                                   |                        |  |
| As at Jan. 1, 1952.....                    | 2,122,694 78           |  |
| Loss on 1952 Operations.....               | 73,187 32              |  |
| Adjustments during 1952.....               | 545,336 83             |  |
|  | <u>2,741,218 93</u>    |  |
|  | <u>4,270,736 30</u>    |  |
|  | <u>\$ 4,275,811 03</u> |  |

## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the Board include 4 main piers and wharves having 20,425 linear feet of berthing, 10 transit sheds with a total floor area of 743,642 square feet, 23 miles of standard gauge terminal railway, connected with both Canadian railways, a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries with a loading capacity of 90,000 bushels per hour, 3 marine towers for unloading boats, also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish house with a capacity of 1,000,000 pounds, a floating crane of 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 4,597                   | 5,263,305                    |
| 1951.....          | 4,684                   | 4,714,577                    |
| 1950.....          | 4,512                   | 4,484,885                    |
| 1949.....          | 4,203                   | 4,178,588                    |
| 1948.....          | 4,320                   | 3,702,612                    |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 4,597                   | 5,270,540                    |
| 1951.....          | 4,695                   | 4,712,979                    |
| 1950.....          | 4,515                   | 4,481,129                    |
| 1949.....          | 4,197                   | 4,178,427                    |
| 1948.....          | 4,311                   | 3,695,640                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|  | 1952                    |                              | 1951                    |                              |
|--|-------------------------|------------------------------|-------------------------|------------------------------|
|  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                     |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 737                     | 3,399,386                    | 585                     | 2,853,799                    |
| Coastal or inland commercial (including fishery).... | 3,713                   | 1,837,237                    | 3,974                   | 1,829,016                    |
| Other.....   | 147                     | 26,682                       | 125                     | 31,762                       |
| Total.....   | 4,597                   | 5,263,305                    | 4,684                   | 4,714,577                    |
| <i>Departures—</i>                                   |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 737                     | 3,399,386                    | 585                     | 2,853,799                    |
| Coastal or inland commercial (including fishery).... | 3,708                   | 1,836,088                    | 3,992                   | 1,833,864                    |
| Other.....   | 152                     | 35,066                       | 118                     | 25,316                       |
| Total.....   | 4,597                   | 5,270,540                    | 4,695                   | 4,712,979                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1952.....        | 65,772    | 985,736   | 1,051,508 |
| 1951.....        | 117,834   | 790,658   | 908,492   |
| 1950.....        | 74,278    | 350,643   | 424,921   |
| 1949.....        | 40,905    | 316,440   | 357,345   |
| 1948.....        | 44,644    | 169,067   | 213,711   |
| <i>Domestic—</i> |           |           |           |
| 1952.....        | 1,821,333 | 147,331   | 1,968,664 |
| 1951.....        | 1,831,165 | 73,293    | 1,904,458 |
| 1950.....        | 1,757,544 | 78,815    | 1,836,359 |
| 1949.....        | 1,468,260 | 49,746    | 1,518,006 |
| 1948.....        | 1,579,244 | 57,415    | 1,636,659 |
| <i>Total—</i>    |           |           |           |
| 1952.....        | 1,887,105 | 1,133,067 | 3,020,172 |
| 1951.....        | 1,948,999 | 863,951   | 2,812,950 |
| 1950.....        | 1,831,822 | 429,458   | 2,261,280 |
| 1949.....        | 1,509,165 | 366,186   | 1,875,351 |
| 1948.....        | 1,623,888 | 226,482   | 1,850,370 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| Commodities  | Inward<br>1952   | Outward<br>1952  | Total<br>1952    | Total<br>1951    |
|--|------------------|------------------|------------------|------------------|
|  | (Tons)           | (Tons)           | (Tons)           | (Tons)           |
| Grain.....   | 90,204           | 743,680          | 833,884          | 608,881          |
| Pulpwood.....  | 544,605          | 268              | 544,873          | 551,128          |
| Petroleum Oil, fuel.....   | 448,059          | 2,935            | 450,994          | 366,428          |
| Coal, bituminous.....  | 365,641          | 1,836            | 367,477          | 624,926          |
| Gasoline.....  | 245,527          | 571              | 246,098          | 217,488          |
| Asbestos and Asbestos Manufactures.....  | 348              | 104,338          | 104,686          | 83,151           |
| Cement, common or portland.....  | 67,009           | 1,464            | 68,473           | 59,335           |
| Ores and Concentrates not otherwise specified.....   | 2,559            | 57,629           | 60,188           | 41,581           |
| Paper, newsprint.....  |                  | 54,684           | 54,684           | 33,197           |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....                                  | 13               | 41,843           | 41,856           | 1,686            |
| Flour, wheat.....  |                  | 36,384           | 36,384           | 15,121           |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....   | 13,254           | 21,751           | 35,005           | 17,252           |
| Coal, anthracite.....  | 33,475           |                  | 33,475           | 27,982           |
| Sulphur.....   | 20,160           |                  | 20,160           | 19,828           |
| Fertilizers and Fertilizer Materials.....  | 18,152           | 1,255            | 19,407           | 7,071            |
| Wood-pulp.....   | 662              | 17,504           | 18,166           | 42,479           |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....  | 6,736            | 1,476            | 8,212            | 8,055            |
| Explosives, including Fuses and Blasting Caps.....   | 98               | 7,998            | 8,096            | 1,471            |
| Groceries not otherwise specified.....   | 861              | 6,049            | 6,910            | 5,907            |
| Iron or Steel, Band, Bars not otherwise specified, Hoop,<br>Plates, Rods, Sheets, Skelp, Strip and Tin Plate.. | 3,930            | 2,577            | 6,507            | 11,739           |
| Motor Vehicles and Parts.....  | 3,590            | 473              | 4,063            |                  |
| Iron or Steel, structural.....   | 3,391            | 143              | 3,534            |                  |
| Grain Products (Mill Products except Wheat Flour)...   | 10               | 3,421            | 3,431            | 2,455            |
| Gypsum.....  | 3,059            |                  | 3,059            |                  |
| Beverages, alcoholic.....  | 2,139            | 639              | 2,778            | 2,519            |
| Molasses.....  | 2,513            | 183              | 2,696            | 4,405            |
| Glass and Glass Manufactures.....  | 2,532            | 152              | 2,684            | 2,309            |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs.....                                   | 62               | 2,401            | 2,463            |                  |
| Fruit and Fruit Products.....  | 2,187            | 12               | 2,199            |                  |
| Machinery and Parts (except agricultural).....   | 1,711            | 402              | 2,113            | 1,911            |
| All Goods not otherwise specified.....   | 43,592           | 39,758           | 83,350           | 54,345           |
| <b>Total.....</b>  | <b>1,887,105</b> | <b>1,133,067</b> | <b>3,020,172</b> | <b>2,812,950</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1952.....         | 46,349 | 23,334   | 69,683  |
| 1951.....         | 56,542 | 22,949   | 79,491  |
| 1950.....         | 30,092 | 20,239   | 50,331  |
| 1949.....         | 24,802 | 11,403   | 36,205  |
| 1948.....         | 18,660 | 377      | 19,037  |
| <i>Coastwise—</i> |        |          |         |
| 1952.....         | 15,165 | 14,540   | 29,705  |
| 1951.....         | 10,580 | 11,790   | 22,370  |
| 1950.....         | 14,685 | 9,007    | 23,692  |
| 1949.....         | 26,859 | 23,892   | 50,751  |
| 1948.....         | 51,299 | 38,193   | 89,492  |
| <i>Total—</i>     |        |          |         |
| 1952.....         | 61,514 | 37,874   | 99,388  |
| 1951.....         | 67,122 | 34,739   | 101,861 |
| 1950.....         | 44,777 | 29,246   | 74,023  |
| 1949.....         | 51,661 | 35,295   | 86,956  |
| 1948.....         | 69,959 | 38,570   | 108,529 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1952, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1952.....         | 3,601,138  | 24,983,990 | 28,585,128 |
| 1951.....         | 1,614,526  | 20,859,798 | 22,474,324 |
| 1950.....         | 2,827,696  | 6,385,368  | 9,213,064  |
| 1949.....         | 2,917,268  | 6,191,310  | 9,108,578  |
| 1948.....         | 129,966    | .....      | 129,966    |
| <i>Via rail—</i>  |            |            |            |
| 1952.....         | 25,231,595 | 2,371,178  | 27,602,773 |
| 1951.....         | 20,614,040 | 637,972    | 21,252,012 |
| 1950.....         | 4,943,132  | 1,418,538  | 6,361,670  |
| 1949.....         | 5,996,993  | 632,653    | 6,629,646  |
| 1948.....         | 661,668    | 100,939    | 762,607    |
| <i>Via other—</i> |            |            |            |
| 1952.....         | 92,707     | 931,197    | 1,023,904  |
| 1951.....         | .....      | 710,949    | 710,949    |
| 1950.....         | 646        | 1,262,894  | 1,263,540  |
| 1949.....         | 1,329      | 618,759    | 620,088    |
| 1948.....         | 1,452      | 658,698    | 660,150    |
| <i>Total—</i>     |            |            |            |
| 1952.....         | 28,925,440 | 28,286,365 | 57,211,805 |
| 1951.....         | 22,228,566 | 22,208,719 | 44,437,285 |
| 1950.....         | 7,771,474  | 9,066,801  | 16,838,275 |
| 1949.....         | 8,915,590  | 7,442,722  | 16,358,312 |
| 1948.....         | 793,086    | 759,637    | 1,552,723  |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1952, with comparison for 1951.

|  | 1952   | 1951   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 25,373 | 21,357 |
| Non-revenue cars.....  | 7,072  | 10,926 |
| Total.....   | 32,445 | 32,283 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 8,675  | 12,149 |
| Non-revenue cars.....  | 23,705 | 20,040 |
| Total.....   | 32,380 | 32,189 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 197    | 213    |
| Non-revenue cars.....  | 197    | 213    |
| Total.....   | 394    | 426    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 34,245 | 33,719 |
| Non-revenue cars.....  | 30,974 | 31,179 |
| Total.....   | 65,219 | 64,898 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$1,352,873, of which \$1,202,873 was charged to 1952 operations and \$150,000 was provided from reserve for dredging set up in 1951. The total outlay for dredging was \$1,035,937, being the cost of restoring the depth in the St. Charles river estuary to 36 feet below low water. Other maintenance items were the renewal of face timbers and cross-ties at berth 22; replacement of 3,700 feet of grain elevator belting; installation of vaportight condulets and protection globes at the grain elevator; conversion of locomotive crane no. 15 from steam to diesel operation; covering the east wall of the cold storage fish house with aluminum sheathing; reconditioning asphalt pavement in shed 26; and reconstruction of a tunnel for brine pipes between the refrigeration plant and the main cold storage warehouse.

## CAPITAL WORKS

Expenditures on capital account amounted to \$148,408, of which \$8,741 was provided from replacement fund. The principal items were:

*Diesel Electric Locomotive.*—An 80-ton diesel electric switching locomotive was purchased from Canadian General Electric Company Ltd. to replace a worn out steam locomotive and was put into service on the harbour terminal railway.

*Reconstruction of Shed No. 29.*—A contract was awarded in September to Emile Frenette Ltée for the reconstruction of transit shed No. 29. This shed, 1,000 feet by 99 feet, was badly warped due to settlement of the wharf and was no longer usable. The reconstruction work consists of replacement of part of the framework with new steel, straightening and replacing steel that can be salvaged and construction of an addition. The shed when rebuilt will be 1,000 feet by 124 feet. This work was 10 per cent completed during the year.

*Railway Tracks at Berth 20.*—This work, which comprised the placing of fill and laying two lines of railway tracks in the rear of the new concrete quay wall at berth 20, was done by the Board's forces.



## REVENUES AND EXPENDITURES

Ordinary revenues amounted to \$1,722,137, as compared with \$1,415,577 in 1951, showing an increase of \$306,560, due primarily to a greater volume of grain shipments. Operating and maintenance expenses were \$2,130,402, as compared with \$1,217,085 in the previous year, the increase being \$913,317. Maintenance dredging in the St. Charles river estuary accounted for the major part of the rise in expenditures.

Net income deficit, after all charges, was \$1,498,423, the corresponding figure for the previous year being \$833,808.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

|   |               |                       |
|---|---------------|-----------------------|
| <b>OPERATING REVENUES—</b>                                      |               |                       |
| Harbour General—  |               |                       |
| Harbour Dues.....   | \$ 33,321 48  |                       |
| Miscellaneous.....  | 44,332 84     |                       |
|   |               | \$ 77,654 32          |
| Wharves and Piers—  |               |                       |
| Top Wharfage.....   | 278,323 17    |                       |
| Dockage.....  | 143,024 88    |                       |
| Miscellaneous.....  | 64,639 00     |                       |
|   |               | 485,987 05            |
| Permanent Sheds—  |               |                       |
| Shed Rentals.....   | 22,746 07     |                       |
| Storage.....  | 15,764 66     |                       |
| Miscellaneous.....  | 3,379 59      |                       |
|   |               | 41,890 32             |
| Railway System.....   |               | 223,140 50            |
| Grain Elevator System—  |               |                       |
| Elevation.....  | 430,367 90    |                       |
| Storage.....  | 157,506 95    |                       |
| Miscellaneous.....  | 12,722 97     |                       |
|   |               | 600,597 82            |
| Cold Storage System—  |               |                       |
| Storage.....  | 148,276 99    |                       |
| Miscellaneous.....  | 17,073 87     |                       |
|   |               | 165,350 86            |
| Miscellaneous Services—Outsiders.....                           |               | 127,516 62            |
|   |               | <u>\$1,722,137 49</u> |
| <b>OPERATING EXPENSES—</b>                                      |               |                       |
| Administration.....   | \$ 134,845 70 |                       |
| Operation and Maintenance—                                      |               |                       |
| Harbour Dredging.....   | \$ 885,936 98 |                       |
| Harbour General.....  | 174,816 13    |                       |
| Vehicular Bridges.....  | 7,496 13      |                       |
| Roads, Fences and Boundaries.....                               | 10,566 35     |                       |
| Sewers and Drains.....  | 102 26        |                       |
| Wharves and Piers.....  | 69,398 51     |                       |
| Permanent Sheds.....  | 46,798 98     |                       |
| Railway System.....   | 156,733 53    |                       |
| Grain Elevator System.....                                      | 424,036 94    |                       |
| Cold Storage System.....  | 127,533 35    |                       |
| Miscellaneous Services—Outsiders.....                           | 92,134 46     |                       |
|   |               | 1,995,556 62          |
|   |               | <u>2,130,402 32</u>   |
| Operating Income.....   |               | 408,264 83            |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         | 31,243 22     |                       |
| MISCELLANEOUS INCOME CREDITS.....                               | 2,392 94      |                       |
|   |               | <u>33,636 16</u>      |
| Total Income.....   |               | 374,628 67            |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |               |                       |
| Income received from Reserve Funds transferred to Reserves..... | 4,645 35      |                       |
| Miscellaneous Income Charges.....                               | 9,251 98      |                       |
|   |               | <u>13,897 33</u>      |
|   |               | 388,526 00            |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |               |                       |
| Reserve for Replacements.....                                   | 320,883 79    |                       |
| Interest due Government.....                                    | 789,013 15    |                       |
|   |               | <u>1,109,896 94</u>   |
| Net Income Deficit.....   |               | <u>\$1,498,422 94</u> |





## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice rivers, about 81 miles below Montreal. It is open to navigation for about 7½ months in the year. The facilities operated by the Board include three main wharves having some 7,650 linear feet of berthing with a minimum water depth of 30 feet alongside and nine transit sheds with a total floor area of about 192,000 square feet.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 2,706                   | 1,848,710                    |
| 1951.....          | 2,778                   | 2,240,812                    |
| 1950.....          | 2,434                   | 2,405,539                    |
| 1949.....          | 2,200                   | 2,241,825                    |
| 1948.....          | 2,243                   | 2,258,358                    |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 2,718                   | 1,849,493                    |
| 1951.....          | 2,774                   | 2,240,513                    |
| 1950.....          | 2,434                   | 2,405,509                    |
| 1949.....          | 2,192                   | 2,241,371                    |
| 1948.....          | 2,243                   | 2,258,358                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952                    |                              | 1951                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 253                     | 817,156                      | 221                     | 709,559                      |
| Coastal or inland commercial (including fishery)..... | 2,413                   | 1,014,837                    | 2,526                   | 1,517,334                    |
| Other.....  | 40                      | 16,717                       | 31                      | 13,919                       |
| Total.....  | 2,706                   | 1,848,710                    | 2,778                   | 2,240,812                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 253                     | 817,156                      | 221                     | 709,559                      |
| Coastal or inland commercial (including fishery)..... | 2,425                   | 1,015,620                    | 2,522                   | 1,517,035                    |
| Other.....  | 40                      | 16,717                       | 31                      | 13,919                       |
| Total.....  | 2,718                   | 1,849,493                    | 2,774                   | 2,240,513                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1952.....        | 336,203   | 846,778 | 1,182,981 |
| 1951.....        | 358,319   | 537,663 | 895,982   |
| 1950.....        | 374,273   | 549,231 | 923,504   |
| 1949.....        | 120,936   | 343,468 | 464,404   |
| 1948.....        | 350,995   | 349,585 | 700,580   |
| <i>Domestic—</i> |           |         |           |
| 1952.....        | 2,129,874 | 25,551  | 2,155,425 |
| 1951.....        | 2,278,674 | 19,353  | 2,298,032 |
| 1950.....        | 1,835,199 | 17,511  | 1,852,710 |
| 1949.....        | 1,807,043 | 5,565   | 1,812,608 |
| 1948.....        | 1,858,889 | 8,541   | 1,867,430 |
| <i>Total—</i>    |           |         |           |
| 1952.....        | 2,466,077 | 872,329 | 3,338,406 |
| 1951.....        | 2,636,993 | 557,021 | 3,194,014 |
| 1950.....        | 2,209,472 | 566,742 | 2,776,214 |
| 1949.....        | 1,927,979 | 349,033 | 2,277,012 |
| 1948.....        | 2,209,884 | 358,126 | 2,568,010 |

Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Pulpwood.....   | 1,392,800      | .....           | 1,392,800     | 1,617,867     |
| Grain.....  | 430,349        | 653,024         | 1,083,373     | 667,442       |
| Coal, bituminous.....   | 370,925        | .....           | 370,925       | 492,509       |
| Petroleum Oil, fuel.....  | 152,058        | 11,053          | 163,111       | 112,066       |
| Paper, newsprint.....   | .....          | 141,910         | 141,910       | 130,242       |
| Gasoline.....   | 49,645         | 6,064           | 55,709        | 38,148        |
| Sulphur.....  | 20,799         | .....           | 20,799        | 18,551        |
| Asbestos and Asbestos Manufactures.....   | .....          | 14,895          | 14,895        | 19,495        |
| Clay.....   | 12,180         | .....           | 12,180        | 7,481         |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs..... | .....          | 9,627           | 9,627         | 3,730         |
| Sand and Gravel.....  | .....          | 8,197           | 8,197         | 7,800         |
| Calcium Carbide.....  | .....          | 7,477           | 7,477         | 3,787         |
| Aluminum Manufactures not otherwise specified.....                              | .....          | 6,785           | 6,785         | 1,676         |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                  | 4,015          | 1,969           | 5,984         | 10,926        |
| Coal, anthracite.....   | 5,418          | .....           | 5,418         | 2,210         |
| Salt.....   | 2,240          | .....           | 2,240         | .....         |
| All Goods not otherwise specified.....  | 25,648         | 11,328          | 36,976        | 60,084        |
| TOTAL.....  | 2,466,077      | 872,329         | 3,338,406     | 3,194,014     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1952, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1952.....         | 14,288,567 | 21,767,482 | 36,056,049 |
| 1951.....         | 10,292,700 | 11,987,698 | 22,280,398 |
| 1950.....         | 11,851,175 | 13,264,034 | 25,115,209 |
| 1949.....         | 9,029,636  | 7,415,195  | 16,444,831 |
| 1948.....         | 6,408,216  | 8,238,337  | 14,646,553 |
| <i>Via rail—</i>  |            |            |            |
| 1952.....         | 8,785,603  | 19,502     | 8,805,105  |
| 1951.....         | 1,925,798  | 2,000      | 1,927,798  |
| 1950.....         | 99,948     | 33,000     | 132,948    |
| 1949.....         | 1,994      | 1,000      | 2,994      |
| 1948.....         | 1,825,912  | 3,000      | 1,828,912  |
| <i>Via other—</i> |            |            |            |
| 1952.....         |            | 415,489    | 415,489    |
| 1951.....         | 579        | 177,534    | 178,113    |
| 1950.....         | 223        | 110,892    | 111,115    |
| 1949.....         |            | 7,610      | 7,610      |
| 1948.....         |            | 40,092     | 40,092     |
| <i>Total—</i>     |            |            |            |
| 1952.....         | 23,074,170 | 22,202,473 | 45,276,643 |
| 1951.....         | 12,219,077 | 12,167,232 | 24,386,309 |
| 1950.....         | 11,951,346 | 13,407,926 | 25,359,272 |
| 1949.....         | 9,031,630  | 7,423,805  | 16,455,435 |
| 1948.....         | 8,234,128  | 8,281,429  | 16,515,557 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$32,211. The principal items were repairs to the face of Cap de la Madeleine wharf, painting the roofs of four small sheds and general maintenance of wharves, sheds and other facilities.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$336,628, as compared with \$296,923 in 1951, an increase of \$39,705. Operating and maintenance expenses were \$63,584, as against \$37,168 in 1951, an increase of \$26,416.

After charging interest and reserve for replacements, there was a net income surplus of \$134,928, as compared with a surplus of \$79,664 in 1951.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 12,057 91 |              |
| Miscellaneous..... | 2,109 63     |              |
|                    |              | \$ 14,167 54 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 153,065 19 |            |
| Dockage.....       | 54,283 98  |            |
| Miscellaneous..... | 52,441 33  |            |
|                    |            | 259,790 50 |

|                                   |           |  |
|-----------------------------------|-----------|--|
| Permanent Sheds—Shed Rentals..... | 59,440 08 |  |
|-----------------------------------|-----------|--|

|                                       |          |               |
|---------------------------------------|----------|---------------|
| Miscellaneous Services—Outsiders..... | 3,229 43 |               |
|                                       |          | \$ 336,627 55 |

## OPERATING EXPENSES—

|                     |           |  |
|---------------------|-----------|--|
| Administration..... | 24,566 16 |  |
|---------------------|-----------|--|

## Operation and Maintenance—

|                                       |           |           |
|---------------------------------------|-----------|-----------|
| Harbour Dredging.....                 | 5,000 00  |           |
| Harbour General.....                  | 5,764 13  |           |
| Roads, Fences and Boundaries.....     | 26 50     |           |
| Wharves and Piers.....                | 24,546 26 |           |
| Permanent Sheds.....                  | 2,331 25  |           |
| Miscellaneous Services—Outsiders..... | 1,349 50  |           |
|                                       |           | 39,017 64 |

63,583 80

|                       |            |
|-----------------------|------------|
| Operating Income..... | 273,043 75 |
|-----------------------|------------|

|   |           |  |
|---|-----------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 45,826 12 |  |
|---|-----------|--|

|                                   |          |           |
|-----------------------------------|----------|-----------|
| MISCELLANEOUS INCOME CREDITS..... | 4,916 67 |           |
|                                   |          | 50,742 79 |

|                   |            |
|-------------------|------------|
| Total Income..... | 323,786 54 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |          |
|---|----------|----------|
| Income received from Reserve Funds transferred to Reserves..... | 1,309 16 |          |
| Reserve for Bad Debts.....                                      | 235 00   |          |
|   |          | 1,544 16 |

322,242 38

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 77,598 01  |            |
| Interest due Government.....  | 109,716 16 |            |
|                               |            | 187,314 17 |

|                         |               |
|-------------------------|---------------|
| Net Income Surplus..... | \$ 134,928 21 |
|-------------------------|---------------|

## BALANCE SHEET AS AT DECEMBER 31, 1952

| ASSETS   |                | LIABILITIES AND PROPRIETARY EQUITY         |                    |
|--|----------------|--|--------------------|
| CURRENT—   |                | CURRENT—                                   | LIABILITIES        |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 88,124 97   | Accounts Payable.....                      | 701 22             |
| Accounts Receivable.....   | \$ 10,273 47   | CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 1,999 35           |
| Less—Reserve for Bad Debts.....                                  | 3,270 00       | CONTRACTORS' HOLDBACKS—MAINTENANCE.....    | 1,931 18           |
| Stores on Hand.....  | \$ 7,003 47    | DEFERRED REVENUE.....                      | 27,266 54          |
|  | 677 41         |  |                    |
| CONTRACTORS' SECURITY DEPOSITS.....                              | \$ 95,805 85   |  |                    |
|  | 1,999 35       |  |                    |
| RESERVE FUNDS—   |                | GOVERNMENT OF CANADA—                      | PROPRIETARY EQUITY |
| Replacement Fund.....  | 1,600,329 47   | Loans and Advances—                        |                    |
| Fire and General Insurance Fund.....                             | 48,730 01      | Non-interest bearing.....                  | \$ 693,807 13      |
| Miscellaneous.....   | 5,016 67       | Interest bearing.....                      | 3,989,988 59       |
|  | 1,654,076 15   | Accrued interest.....                      | 117,363 82         |
| PREPAID EXPENSES.....  | 58 58          |  | \$4,801,069 54     |
| CAPITAL SUSPENSE.....  | 557 70         |  |                    |
|  |                | RESERVES FOR—                              |                    |
| FIXED—   |                | Replacement.....                           | 1,600,832 49       |
| Real Estate.....   | 61,789 98      | Fire and General Insurance..               | 48,855 76          |
| Roads, Fences and Boundaries.....                                | 60,384 26      | Maintenance Dredging.....                  | 5,016 67           |
| Miscellaneous Structures.....                                    | 1,281 16       |  | 1,654,704 92       |
| Wharves and Piers.....   | 4,492,392 39   |  | 6,455,774 46       |
| Permanent Sheds.....   | 781,379 73     |  |                    |
| Railway System.....  | 26,611 43      | SURPLUS—                                   |                    |
| Office Furniture and Appliances.....                             | 2,630 75       | As at January 1, 1952.....                 | 3,159,432 42       |
| Electric Power System.....                                       | 11,512 44      | Profit on 1952 Operations....              | 3,134,928 21       |
| Water Supply System.....   | 10,894 44      | Deduct adjustments in 1952..               | 2,578,613 76       |
| Shore Equipment.....   | 1,201 41       |  | 715,746 87         |
| Miscellaneous Small Plant.....                                   | 844 00         |  |                    |
|  | 5,450,921 99   |  |                    |
|  | \$7,203,419 62 |  |                    |

## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 32½ feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation from about the middle of April to the beginning of December of each year. The Board operates main piers, wharves and jetties providing 105 berths, totalling about 10 miles of berthing accommodation; 27 transit sheds, with an aggregate floor area of 2,226,000 square feet; also 4 grain elevators, with a total storage capacity of over 15,000,000 bushels, and 3½ miles of grain conveyor galleries; and a cold storage warehouse, with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 10 locomotive cranes are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 4,852                   | 8,702,609                    |
| 1951.....          | 4,423                   | 7,708,844                    |
| 1950.....          | 4,796                   | 8,263,614                    |
| 1949.....          | 4,480                   | 7,637,311                    |
| 1948.....          | 3,667                   | 6,627,056                    |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 4,855                   | 8,701,953                    |
| 1951.....          | 4,422                   | 7,709,539                    |
| 1950.....          | 4,803                   | 8,264,345                    |
| 1949.....          | 4,493                   | 7,652,848                    |
| 1948.....          | 3,661                   | 6,635,831                    |

(Exclusive of naval vessels)

### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952                    |                              | 1951                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,476                   | 4,992,323                    | 1,188                   | 4,241,012                    |
| Coastal or inland commercial (including fishery)..... | 3,267                   | 3,692,070                    | 3,159                   | 3,456,590                    |
| Other.....  | 109                     | 18,216                       | 76                      | 11,242                       |
| Total.....  | 4,852                   | 8,702,609                    | 4,423                   | 7,708,844                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,476                   | 4,992,436                    | 1,189                   | 4,242,824                    |
| Coastal or inland commercial (including fishery)..... | 3,265                   | 3,690,350                    | 3,158                   | 3,455,816                    |
| Other.....  | 114                     | 19,167                       | 75                      | 10,899                       |
| Total.....  | 4,855                   | 8,701,953                    | 4,422                   | 7,709,539                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1952.....        | 3,410,954 | 5,959,043 | 9,369,997  |
| 1951.....        | 4,634,788 | 4,469,099 | 9,103,887  |
| 1950.....        | 6,292,018 | 3,435,195 | 9,727,213  |
| 1949.....        | 4,263,258 | 4,168,136 | 8,431,394  |
| 1948.....        | 4,194,095 | 4,002,652 | 8,196,747  |
| <i>Domestic—</i> |           |           |            |
| 1952.....        | 3,531,274 | 3,184,334 | 6,715,608  |
| 1951.....        | 2,162,294 | 3,650,859 | 5,813,153  |
| 1950.....        | 2,287,016 | 3,301,304 | 5,588,320  |
| 1949.....        | 2,779,010 | 2,659,742 | 5,438,752  |
| 1948.....        | 1,314,291 | 2,127,082 | 3,441,373  |
| <i>Total—</i>    |           |           |            |
| 1952.....        | 6,942,228 | 9,143,377 | 16,085,605 |
| 1951.....        | 6,797,082 | 8,119,958 | 14,917,040 |
| 1950.....        | 8,579,034 | 6,736,499 | 15,315,533 |
| 1949.....        | 7,042,268 | 6,827,878 | 13,870,146 |
| 1948.....        | 5,508,386 | 6,129,734 | 11,638,120 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....   | 2,509,705      | 4,187,520       | 6,697,225     | 4,348,969     |
| Gasoline.....  | 104,171        | 1,635,829       | 1,740,000     | 1,872,956     |
| Petroleum Oil, fuel.....   | 336,629        | 833,447         | 1,170,076     | 1,484,922     |
| Petroleum Oil, crude.....  | 801,417        | 295,142         | 1,096,559     | 1,622,687     |
| Coal, bituminous.....  | 951,414        |                 | 951,414       | 966,781       |
| Flour, wheat.....  | 1              | 554,574         | 554,575       | 441,066       |
| Iron Ore.....  | 206,366        | 202,414         | 408,780       | 462,270       |
| Cement, common or portland.....  | 212,822        | 104,611         | 317,433       | 245,878       |
| Sugar, raw.....  | 311,104        |                 | 311,104       | 321,034       |
| Gypsum, crude.....   | 204,717        | 54,750          | 259,467       | 224,578       |
| Coal, anthracite.....  | 247,087        | 10,277          | 257,364       | 214,949       |
| Sundries.....  | 6,927          | 113,986         | 120,913       | 79,059        |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet bars or slabs.....                                  | 148            | 119,842         | 119,990       | 6,909         |
| Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin Plate.. | 90,853         | 14,544          | 105,397       | 207,855       |
| Chrome Ore.....  | 47,745         | 28,964          | 76,709        | 130,157       |
| Phosphate Rock.....  | 75,235         |                 | 75,235        | 92,445        |
| Asbestos and Asbestos Manufactures.....  | 5,152          | 65,308          | 70,460        | 60,127        |
| Lumber (Planks, Boards and Flooring) and Square Timber.....  | 6,081          | 62,515          | 68,596        | 79,245        |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mails and passengers' baggage)



CARGO TONNAGE—COMMODITIES—*Concluded*

| Commodities   | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Motor Vehicles and Parts.....   | 39,851         | 26,093          | 65,944        | 110,249       |
| Ferro-alloys.....   | 4,379          | 58,607          | 62,986        | 41,259        |
| Machinery and Parts (except agricultural).....                                  | 38,905         | 21,613          | 60,518        | 59,028        |
| Wood-pulp.....  | 9,007          | 48,996          | 58,003        | 95,009        |
| Iron or Steel, structural.....  | 53,029         | 3,423           | 56,452        | 92,991        |
| Petroleum Oil, distillate, lubricating.....                                     |                | 53,966          | 53,969        | 56,445        |
| Iron or Steel Manufactures not otherwise specified.....                         | 40,484         | 8,339           | 48,823        | 63,129        |
| Iron or Steel, scrap.....   | 6,482          | 36,519          | 43,001        | 8,785         |
| Nickel and Nickel Manufactures.....   | 227            | 40,681          | 40,908        | 35,905        |
| Beverages, alcoholic.....   | 27,165         | 7,575           | 34,740        | 35,832        |
| Molasses.....   | 23,221         | 10,959          | 34,180        | 27,688        |
| Glass and Glass Manufactures.....   | 28,255         | 3,931           | 32,186        | 50,119        |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....     |                | 34,043          | 34,043        | 47,388        |
| Dry Goods not otherwise specified.....  | 26,072         | 3,218           | 29,290        | 32,473        |
| Milk, condensed, evaporated or powdered.....                                    | 19             | 28,361          | 28,380        | 30,509        |
| Iron or Steel Tubes, Pipe and Fittings.....                                     | 21,514         | 5,862           | 27,376        | 35,444        |
| Meats, chilled, fresh or frozen.....  | 1,057          | 24,632          | 25,689        | 4,312         |
| Jute and Jute Manufactures.....   | 21,604         | 2,168           | 23,772        | 48,030        |
| Paper not otherwise specified.....  | 3,973          | 19,448          | 23,421        | 35,876        |
| Ordnance Stores not otherwise specified.....                                    | 1,029          | 21,917          | 22,946        | 7,634         |
| Petroleum Oil, refined, not otherwise specified.....                            | 2,932          | 18,798          | 21,730        | 4,307         |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....   | 127            | 21,435          | 21,562        | 5,421         |
| Clay.....   | 21,363         | 9               | 21,372        | 34,619        |
| Fruits, dried.....  | 21,080         | 271             | 21,351        | 7,596         |
| Sulphur.....  | 21,156         |                 | 21,156        | 30,513        |
| Grain Products (Mill Products except Wheat Flour).....                          | 7              | 21,080          | 21,087        | 18,101        |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....               | 2,674          | 16,437          | 19,111        | 11,428        |
| Settlers' effects.....  | 13,773         | 4,953           | 18,726        | 21,416        |
| Nuts.....   | 18,542         |                 | 18,542        | 11,605        |
| Electrical Goods not otherwise specified.....                                   | 8,520          | 9,952           | 18,472        | 14,658        |
| Paper, newsprint.....   |                | 17,890          | 17,890        | 17,510        |
| Zinc Spelter.....   | 3              | 17,067          | 17,070        | 4,778         |
| Coffee Beans and Coffee Preparations.....                                       | 17,047         | 10              | 17,057        | 14,592        |
| Explosives (including Fuses and Blasting Caps).....                             | 15             | 16,423          | 16,438        | 2,168         |
| Petroleum Oil, lubricating.....   | 15,018         | 175             | 15,193        | 15,802        |
| Fruits and Fruit Products (including Juices) not other-<br>wise specified.....  | 14,664         | 316             | 14,980        | 16,125        |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs..... | 1              | 14,972          | 14,973        | 16,616        |
| Tea.....  | 14,907         | 19              | 14,926        | 16,227        |
| Confectionery.....  | 12,435         | 1,717           | 14,152        | 11,228        |
| Copper and Copper Manufactures not otherwise<br>specified.....                  | 1,272          | 12,240          | 13,512        | 9,311         |
| China ware, Earthenware and Porcelainware.....                                  | 13,270         | 211             | 13,481        | 18,755        |
| Hardware not otherwise specified.....   | 7,827          | 5,590           | 13,417        | 13,109        |
| Wool, unmanufactured, and Wool Yarns.....                                       | 12,297         | 681             | 12,978        | 15,375        |
| Fertilizers and Fertilizer Materials.....                                       | 12,768         | 194             | 12,962        | 11,872        |
| Manganese Ore.....  | 5,616          | 5,600           | 11,216        | 80,452        |
| Brick.....  | 5,502          | 5,532           | 11,034        | 21,661        |
| Rock and Stone.....   | 7,796          | 3,105           | 10,901        | 10,604        |
| Agricultural Implements, Machinery and Parts (except<br>Motor Vehicles).....    | 1,611          | 8,910           | 10,521        | 17,097        |
| Meats, canned, cured, prepared or preserved.....                                | 3,331          | 7,068           | 10,399        | 13,965        |
| All Goods not otherwise specified.....  | 222,827        | 188,645         | 411,472       | 650,139       |
| TOTAL.....  | 6,942,228      | 9,143,377       | 16,085,605    | 14,917,040    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1952.....         | 43,805 | 28,239   | 72,044  |
| 1951.....         | 30,657 | 21,717   | 52,374  |
| 1950.....         | 25,053 | 20,877   | 45,930  |
| 1949.....         | 22,509 | 20,739   | 43,248  |
| 1948.....         | 17,957 | 16,693   | 34,650  |
| <i>Coastwise—</i> |        |          |         |
| 1952.....         | 37,070 | 39,002   | 76,072  |
| 1951.....         | 37,358 | 40,521   | 77,879  |
| 1950.....         | 48,813 | 52,683   | 101,496 |
| 1949.....         | 72,820 | 69,841   | 142,661 |
| 1948.....         | 77,458 | 75,184   | 152,642 |
| <i>Total—</i>     |        |          |         |
| 1952.....         | 80,875 | 67,241   | 148,116 |
| 1951.....         | 68,015 | 62,238   | 130,253 |
| 1950.....         | 73,866 | 73,560   | 147,426 |
| 1949.....         | 95,329 | 90,580   | 185,909 |
| 1948.....         | 95,415 | 91,877   | 187,292 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1952, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1952.....         | 95,961,319  | 152,031,728 | 247,993,047 |
| 1951.....         | 53,948,235  | 100,570,526 | 154,518,761 |
| 1950.....         | 62,679,547  | 71,027,642  | 133,707,189 |
| 1949.....         | 71,544,011  | 87,164,153  | 158,708,164 |
| 1948.....         | 19,891,513  | 60,077,743  | 79,969,256  |
| <i>Via rail—</i>  |             |             |             |
| 1952.....         | 69,265,117  | 9,120,352   | 78,385,469  |
| 1951.....         | 55,301,208  | 6,430,637   | 61,731,845  |
| 1950.....         | 16,574,326  | 9,024,452   | 25,598,778  |
| 1949.....         | 30,968,846  | 6,596,415   | 37,565,261  |
| 1948.....         | 47,215,696  | 4,230,577   | 51,446,273  |
| <i>Via other—</i> |             |             |             |
| 1952.....         | 285,897     | 3,910,005   | 4,195,902   |
| 1951.....         | 894,123     | 2,080,560   | 2,974,683   |
| 1950.....         | 404,750     | 4,588,825   | 4,993,575   |
| 1949.....         | 46,080      | 3,703,631   | 3,749,711   |
| 1948.....         | 46,758      | 3,149,890   | 3,196,648   |
| <i>Total—</i>     |             |             |             |
| 1952.....         | 165,512,333 | 165,062,085 | 330,574,418 |
| 1951.....         | 110,143,566 | 109,081,723 | 219,225,289 |
| 1950.....         | 79,658,623  | 84,640,919  | 164,299,542 |
| 1949.....         | 102,558,937 | 97,464,199  | 200,023,136 |
| 1948.....         | 67,153,967  | 67,458,210  | 134,612,177 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1952, with comparison for 1951.

|  | 1952    | 1951    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 66,088  | 59,564  |
| Non-revenue cars.....  | 8,597   | 13,687  |
| Total.....   | 74,685  | 73,251  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 29,327  | 35,014  |
| Non-revenue cars.....  | 45,817  | 38,924  |
| Total.....   | 75,144  | 73,938  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 23      | 13      |
| Non-revenue cars.....  |         |         |
| Total.....   | 23      | 13      |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 1,458   | 1,549   |
| Non-revenue cars.....  |         |         |
| Total.....   | 1,458   | 1,549   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 96,896  | 96,140  |
| Non-revenue cars.....  | 54,414  | 52,611  |
| Total.....   | 151,310 | 148,751 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,103,642. The larger items were: changing over from series to multiple lighting; painting shed 5 extension, sheds 15 and 19, car dumper house, conveyor galleries 46, 47 and 102 at elevator no. 3, conveyor galleries 1, 2 and 3 and towers "A" and "B", at elevator "B", Berri street and Aylwin street subway bridges; repairs to tracks damaged by ice at the low level wharves; extensive repairs to car shakers at elevators 1 and 2; replacement of 11 belts in grain elevators and conveyors; replacement of dock spout equipment on conveyor galleries; replacement of 4,200 elevator buckets; repairs to grain elevator scales; repairs to grain dryer; renewing steel lofter leg pits at elevator "B"; and replacing power and lighting circuits at the cold storage warehouse.

Apart from the expenditures referred to in the previous paragraph, \$92,600 was required for the maintenance of the Jacques Cartier bridge, of which \$53,282 was charged to current operations and \$39,318 was obtained from reserve for special maintenance set aside in previous years.

## CAPITAL WORKS

Expenditures on capital account amounted to \$662,539, of which \$8,381 was provided from replacement fund. The principal items were:

*Paving Sections 30 to 34.*—The paving of the surface of the open wharves at part of section 30, sections 31 to 33 and part of section 34, with bituminous concrete, comprising an area of approximately 30,000 square yards, was completed under a contract awarded to the Highway Paving Co. Ltd. in October.



*Construction of Shed 14 Extension.*—During 1951, a contract was awarded to Charles Duranceau Ltée for the construction of a 253 lin. ft. extension to shed 14. Only a small amount of work was done in 1951 and the balance was completed in 1952.

*Construction of Hoist, Ramps and Division Walls, Sheds 8, 10 and 12, 14.*—A contract was awarded in February to Key Construction Limited for the construction of a 15-ton freight hoist in sheds 12 and 14 and the construction of ramps and division walls in sheds 8, 10 and 12, 14. The freight hoist was not installed during the year but the balance of the work was completed.

*New Lighting System, Sheds 2, 3 and 8.*—The work of installing an improved lighting system in sheds 3 and 8 was completed during the year by the Board's forces. Similar work in shed 2 was not fully completed.

*Paving Vulcan Wharf, Section 71.*—In July, a contract was awarded to Charles Duranceau Ltée for paving Vulcan wharf, section 71. Due to being occupied by iron ore, the wharf was not available to the contractor until late in the year and the paving was only 75 per cent completed.

*Fire Protection System, Sheds 7, 8, 9 and 10.*—The second stage of the installation of a fire protection system in harbour transit sheds was completed during the year in sheds 7, 8, 9 and 10. This work was done under a contract awarded to Driscoll Ltd. in February.

*Minor Items.*—A number of minor additions and improvements were carried out in 1952. These included filling in ramps at Victoria pier; filling in ramps on the upper floor of shed 2; completion of exit ramp at shed 19; installation of defrosting equipment and construction of 3,000 pallets for fork lift trucks at the cold storage warehouse; purchase of one automobile, two 3-ton trucks, one 7,000 gallon fuel oil tank car for locomotives, one snow plow blade, and one motorcycle; installation of road signs; construction of new latrine at section 36; construction of car checkers' shanty at section 15; completion of the installations of sanitary facilities at elevators 1 and 2; improvements to motor drives for conveyor belts in gallery no. 8 at shed 8; construction of platform for servicing diesel-electric locomotives; purchase of metering equipment and extra tools for diesel-electric locomotives; installing bull rails adjacent to shed 29; extension to railway siding in storage yard at section 43; and installation of 550-volt power outlets for the operation of mechanical grain trimming equipment for vessels.

*Jacques Cartier Bridge.*—In addition, \$2,027, expended on new toll booths for the Jacques Cartier Bridge, was capitalized.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$8,692,656, as compared with \$7,478,227, in 1951, an increase of \$1,214,429. This improvement in revenues can be attributed almost entirely to the great quantity of grain shipped through the harbour in 1952—165,000,000 bushels, as against 109,000,000 in 1951. Grain elevator services alone accounted for almost 80 per cent of the total increase in revenues.

Operating and maintenance expenses were \$4,567,823, as against \$4,053,329 in 1951, an increase of \$514,494.

Net income surplus, after all charges, including interest due the Government and reserve for replacements, was \$1,797,712, as compared with a surplus of \$783,330 in 1951.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

(Excluding Jacques Cartier Bridge)

## OPERATING REVENUES—

## Harbour General—

|                    |              |              |
|--------------------|--------------|--------------|
| Harbour Dues.....  | \$ 59,589 58 |              |
| Miscellaneous..... | 26,130 29    |              |
|                    |              | \$ 85,719 87 |

## Wharves and Piers—

|                    |              |              |
|--------------------|--------------|--------------|
| Top Wharfage.....  | 2,211,695 67 |              |
| Dockage.....       | 612,691 97   |              |
| Miscellaneous..... | 289,039 27   |              |
|                    |              | 3,113,426 91 |

## Permanent Sheds—

|                    |            |            |
|--------------------|------------|------------|
| Shed Rentals.....  | 340,654 50 |            |
| Storage.....       | 59,457 77  |            |
| Miscellaneous..... | 49,181 16  |            |
|                    |            | 449,293 43 |

|                  |           |  |
|------------------|-----------|--|
| Shed Hoists..... | 38,572 50 |  |
|------------------|-----------|--|

|                     |            |  |
|---------------------|------------|--|
| Railway System..... | 858,124 74 |  |
|---------------------|------------|--|

## Grain Elevator System—

|                    |              |              |
|--------------------|--------------|--------------|
| Elevation.....     | 2,486,185 38 |              |
| Storage.....       | 587,379 68   |              |
| Miscellaneous..... | 210,062 47   |              |
|                    |              | 3,283,627 53 |

## Cold Storage System—

|                    |            |            |
|--------------------|------------|------------|
| Storage.....       | 410,013 84 |            |
| Miscellaneous..... | 93,320 20  |            |
|                    |            | 503,334 04 |

|                                       |            |  |
|---------------------------------------|------------|--|
| Miscellaneous Services—Outsiders..... | 360,566 63 |  |
|---------------------------------------|------------|--|

\$ 8,692,655 65

## OPERATING EXPENSES—

|                     |               |  |
|---------------------|---------------|--|
| Administration..... | \$ 483,662 30 |  |
|---------------------|---------------|--|

## Operation and Maintenance—

|                                       |              |              |
|---------------------------------------|--------------|--------------|
| Harbour Dredging.....                 | \$ 65,322 33 |              |
| Harbour General.....                  | 406,976 28   |              |
| Roads, Fences and Boundaries.....     | 51,953 73    |              |
| Sewers and Drains.....                | 7,897 41     |              |
| Wharves and Piers.....                | 102,677 84   |              |
| Permanent Sheds.....                  | 129,197 04   |              |
| Shed Hoists.....                      | 37,594 73    |              |
| Railway System.....                   | 588,181 04   |              |
| Grain Elevator System.....            | 1,997,478 38 |              |
| Cold Storage System.....              | 345,723 79   |              |
| Miscellaneous Services—Outsiders..... | 351,157 64   |              |
|                                       |              | 4,084,160 21 |

4,567,822 51

|                       |              |  |
|-----------------------|--------------|--|
| Operating Income..... | 4,124,833 14 |  |
|-----------------------|--------------|--|

|   |            |  |
|---|------------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 403,791 18 |  |
|---|------------|--|

|                                   |           |  |
|-----------------------------------|-----------|--|
| MISCELLANEOUS INCOME CREDITS..... | 10,021 58 |  |
|-----------------------------------|-----------|--|

413,812 76

|                   |              |  |
|-------------------|--------------|--|
| Total Income..... | 4,538,645 90 |  |
|-------------------|--------------|--|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |           |  |
|---|-----------|--|
| Income Received from Reserve Funds Transferred to Reserves..... | 33,498 21 |  |
| Miscellaneous Income Charges.....                               | 59,802 53 |  |

93,300 744,445,345 16

## OTHER INCOME REQUIREMENTS—

|                               |              |  |
|-------------------------------|--------------|--|
| Reserve for Replacements..... | 892,960 21   |  |
| Interest due Government.....  | 1,754,673 06 |  |

2,647,633 27

|                         |                 |  |
|-------------------------|-----------------|--|
| Net Income Surplus..... | \$ 1,797,711 89 |  |
|-------------------------|-----------------|--|

# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1952 (EXCLUDING JACQUES CARTIER BRIDGE)

### ASSETS

|  |                        |
|--|------------------------|
| <b>CURRENT—</b>                            |                        |
| Cash on hand and on deposit with Receiver  | \$1,417,105 01         |
| General of Canada.....                     | \$599,385 09           |
| Accounts Receivable.....                   | 1,538 16               |
| Less Reserve for Bad Debts.....            |                        |
| Stores on Hand.....                        | 597,846 93             |
| Accrued Revenue.....                       | 454,572 97             |
| Other Assets.....                          | 119,860 37             |
|  | 175,685 59             |
|  | <u>\$2,765,070 87</u>  |
|  | 70,721 92              |
| <b>CONTRACTORS' SECURITY DEPOSITS.....</b> |                        |
| <b>RESERVE FUNDS—</b>                      |                        |
| Replacement Fund.....                      | 13,566,665 38          |
| Fire and General Insurance Fund.....       | 1,238,121 54           |
|  | <u>14,804,786 92</u>   |
|  | 10,050 98              |
|  | 18,214 58              |
| <b>PREFPAID EXPENSES.....</b>              |                        |
| <b>FIXED—</b>                              |                        |
| Harbour Dredging.....                      | 5,616,356 32           |
| Real Estate.....                           | 2,229,046 79           |
| Roads, Fences and Boundaries.....          | 859,077 72             |
| Sewers and Drains.....                     | 175,817 47             |
| Miscellaneous Structures.....              | 400,779 04             |
| Wharves and Piers.....                     | 25,567,060 69          |
| Permanent Sheds.....                       | 8,256,045 00           |
| Shed Hoists.....                           | 236,972 88             |
| Railway System.....                        | 4,744,778 20           |
| Grain Elevator System.....                 | 14,644,989 96          |
| Cold Storage System.....                   | 3,066,617 88           |
| Office Furniture and Appliances.....       | 59,344 99              |
| Harbour Buildings.....                     | 505,396 87             |
| Central Heating Plants.....                | 16,579 46              |
| Harbour Shops.....                         | 299,389 88             |
| Electric Power System.....                 | 1,069,152 99           |
| Water Supply System.....                   | 927,037 64             |
| Floating Equipment.....                    | 873,115 68             |
| Shore Equipment.....                       | 390,037 29             |
| Works under Construction.....              | 46,210 78              |
|  | <u>69,283,807 53</u>   |
|  | <u>\$86,952,652 80</u> |

### LIABILITIES AND PROPRIETARY EQUITY

#### LIABILITIES

|   |                      |
|---|----------------------|
| <b>CURRENT—</b>                                   |                      |
| Accounts Payable.....                             | \$ 543,957 03        |
| Salaries and Wages Payable.....                   | 49,876 44            |
|   | <u>\$ 593,833 47</u> |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.....</b> |                      |
| <b>ACCOUNTS PAYABLE—CONSTRUCTION.....</b>         |                      |
| <b>CONTRACTORS' HOLDBACKS—CONSTRUCTION.....</b>   |                      |
| <b>DEFERRED REVENUE.....</b>                      |                      |
|   | <u>67,434 25</u>     |
|   | 814,368 42           |

#### PROPRIETARY EQUITY

|                               |                        |
|-------------------------------|------------------------|
| <b>GOVERNMENT OF CANADA—</b>  |                        |
| Loans and Advances—           |                        |
| Non-interest bearing.....     | \$5,526,950 07         |
| Interest bearing.....         | 64,038,136 15          |
| Accrued Interest.....         | 4,015,157 28           |
|                               | <u>73,580,243 50</u>   |
| <b>Reserves for—</b>          |                        |
| Replacement.....              | 23,066,995 61          |
| Fire and General Insurance..  | 1,238,873 60           |
|                               | <u>24,305,869 21</u>   |
|                               | 97,886,112 71          |
| <b>Deficit—</b>               |                        |
| As at Jan. 1, 1952.....       | 1,262,274 79           |
| Add Adjustments in 1952.....  | 12,283,265 43          |
| Profit on 1952 Operations.... | 1,797,711 89           |
|                               | <u>11,747,823 33</u>   |
|                               | 86,138,284 33          |
|                               | <u>\$86,952,652 80</u> |

## JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1952, with comparison for 1951.

|                              | 1952       | 1951       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 13,600,527 | 12,009,430 |
| Automobiles (Passenger)..... | 5,378,650  | 4,543,289  |
| Trucks.....                  | 1,122,607  | 977,106    |
| Buses.....                   | 135,705    | 128,651    |
| All Others.....              | 23,586     | 26,936     |

## REVENUES AND EXPENDITURES

Bridge tolls and sundry receipts amounted to \$1,599,684, exceeding those of 1951 by \$186,303. Operating and maintenance expenditures were \$197,162, as compared with \$168,166 in the previous year.

After making provision for interest, reserve for depreciation, and other charges against income, there was a net income surplus of \$300,156, as compared with a surplus of \$123,635 in 1951.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was applied to the extent of \$950,000 to reduce the capital debt to \$17,926,000.

No contributions towards deficits were required from the Province of Quebec and the City of Montreal in respect of 1952 operations.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

|   |                |                |
|---|----------------|----------------|
| OPERATING REVENUES—   |                |                |
| Bridge Tolls Collected.....                                     | \$1,580,577 00 |                |
| Sundry Receipts.....  | 19,107 48      |                |
|   |                | \$1,599,684 48 |
| OPERATING EXPENSES—   |                |                |
| Administration.....   | 27,439 12      |                |
| Operation.....  | 116,441 59     |                |
| Maintenance.....  | 53,281 78      |                |
|   |                | 197,162 49     |
| Operating Income.....   |                | 1,402,521 99   |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         | 18,289 06      |                |
| MISCELLANEOUS INCOME CREDITS.....                               | 66 73          |                |
|   |                | 18,355 79      |
| Total Income.....   |                | 1,420,877 78   |
| MISCELLANEOUS DEDUCTIONS FROM INCOME—                           |                |                |
| Income received from Reserve Funds transferred to reserves..... | 18,289 06      |                |
| Bond Discount and Redemption Premium.....                       | 61,333 66      |                |
| Miscellaneous Income Charges.....                               | 1,610 90       |                |
|   |                | 81,233 62      |
|   |                | 1,339,644 16   |
| OTHER INCOME REQUIREMENTS—                                      |                |                |
| Reserve for Depreciation.....                                   | 168,941 63     |                |
| Interest due Government Deficit Debt.....                       | 361,701 54     |                |
| Interest due Government Capital Debt.....                       | 508,845 31     |                |
|   |                | 1,039,488 48   |
| Net Income Surplus.....   |                | \$ 300,155 68  |

# Jacques Cartier Bridge—Montreal BALANCE SHEET AS AT DECEMBER 31, 1952

## ASSETS

|   |                        |
|---|------------------------|
| CURRENT—                                  |                        |
| Cash on Hand and on Deposit with Receiver | 70,853 37              |
| General of Canada.....                    | 23,402 27              |
| Accounts Receivable.....                  |                        |
| Prov. of Quebec on account of De-         |                        |
| ficits.....                               | \$ 744,425 77          |
| City of Montreal on account of De-        |                        |
| ficits.....                               | 744,425 77             |
| Accrued Revenue.....                      | 1,488,851 54           |
|   | 8,121 67               |
|   | <u>\$ 1,591,228 85</u> |

|  |              |
|--|--------------|
| MISCELLANEOUS FUNDS.....                           | 597,428 76   |
| BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT..... | 1,032,450 62 |
| PREPAID EXPENSES.....                              | 3,146 24     |
| CONTRACTORS' SECURITY DEPOSITS.....                | 400 00       |

## LIABILITIES AND PROPRIETARY EQUITY

### LIABILITIES

|  |                     |
|--|---------------------|
| CURRENT—                                   |                     |
| Accounts Payable.....                      | \$ 24,309 20        |
| Salaries and Wages Payable.....            | 1,585 58            |
|  | <u>\$ 25,894 78</u> |
| DEFERRED REVENUE.....                      | 25 00               |
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 400 00              |
|  | <u>26,319 78</u>    |

### PROPRIETARY EQUITY

|                               |                        |
|-------------------------------|------------------------|
| GOVERNMENT OF CANADA—         |                        |
| Loans and Advances—           |                        |
| Interest bearing.....         | \$17,926,000 00        |
| Capital Debt.....             | 7,234,031 00           |
| Deficit Debt.....             | 4,932,751 18           |
| Accrued Interest.....         | 30,112,782 18          |
| (Deficit Debt)                |                        |
| Reserves—                     |                        |
| Depreciation.....             | 3,475,136 84           |
| Special Maintenance           |                        |
| General.....                  | 323,759 59             |
| Painting.....                 | 273,669 17             |
|                               | <u>4,072,565 60</u>    |
|                               | 34,185,347 78          |
| Deficit—                      |                        |
| As at Jan. 1, 1952.....       | 12,721,407 83          |
| Profit on 1952 Operations.... | 300,155 68             |
| Adjustments during 1952.....  | 4 00                   |
|                               | <u>12,421,248 15</u>   |
|                               | 21,764,099 63          |
|                               | <u>\$21,790,419 41</u> |

|  |                        |
|--|------------------------|
| FIXED—                                   |                        |
| Bridge Structure, Right of Way, etc..... | 18,565,764 94          |
|  | <u>\$21,790,419 41</u> |



## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1952, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via Water—</i> |            |            |            |
| 1952.....         | 16,674,275 | 13,228,311 | 29,902,586 |
| 1951.....         | 9,173,409  | 6,317,575  | 15,490,984 |
| 1950.....         | 8,084,261  | 7,792,387  | 15,876,648 |
| 1949.....         | 16,012,485 | 12,427,098 | 28,439,583 |
| 1948.....         | 3,823,395  | 3,249,420  | 4,072,815  |
| <i>Via rail—</i>  |            |            |            |
| 1952.....         | 735,443    | 3,372,419  | 4,107,862  |
| 1951.....         | 676,129    | 2,422,427  | 3,098,556  |
| 1950.....         | 264,992    | 1,728,352  | 1,993,344  |
| 1949.....         | 472,358    | 1,419,307  | 1,891,665  |
| 1948.....         | 473,698    | 1,012,406  | 1,486,104  |
| <i>Via other—</i> |            |            |            |
| 1952.....         | 3,765      | 499,520    | 503,285    |
| 1951.....         | 730        | 293,356    | 294,086    |
| 1950.....         |            | 397,923    | 397,923    |
| 1949.....         |            | 469,399    | 469,399    |
| 1948.....         | 1,478      | 487,404    | 488,882    |
| <i>Total—</i>     |            |            |            |
| 1952.....         | 17,413,483 | 17,100,250 | 34,513,733 |
| 1951.....         | 9,850,268  | 9,033,358  | 18,883,626 |
| 1950.....         | 8,349,253  | 9,918,662  | 18,267,915 |
| 1949.....         | 16,484,843 | 14,315,804 | 30,800,647 |
| 1948.....         | 4,298,571  | 4,749,230  | 9,047,801  |

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$49,845. The principal items were replacement of one marine leg belt, replacement of rubber covering for marine receiving hoppers, repair and adjustment of elevator scales, repairs to rail and shipping spouts, general maintenance of electrical equipment, inter-phone system and railway tracks.

### REVENUES AND EXPENDITURES

Revenues from operations amounted to \$479,079, as compared with \$276,544 in 1951. Expenditures on operation and maintenance were \$208,977 as against \$159,139 in 1951.

Net income surplus for the year was \$270,915, as against a surplus of \$117,266 in 1951. No charge for interest or depreciation of property is made in the accounts of this facility.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                       |    |       |    |
|-----------------------|----|-------|----|
| Property Rentals..... | \$ | 2,185 | 22 |
|-----------------------|----|-------|----|

## Wharves and Piers—

|                   |  |       |    |
|-------------------|--|-------|----|
| Top Wharfage..... |  | 9,463 | 02 |
|-------------------|--|-------|----|

|                     |  |     |    |
|---------------------|--|-----|----|
| Railway System..... |  | 309 | 00 |
|---------------------|--|-----|----|

## Grain Elevator System—

|                |    |         |    |
|----------------|----|---------|----|
| Elevation..... | \$ | 240,816 | 99 |
|----------------|----|---------|----|

|              |  |         |    |
|--------------|--|---------|----|
| Storage..... |  | 214,084 | 51 |
|--------------|--|---------|----|

|                    |  |        |    |
|--------------------|--|--------|----|
| Miscellaneous..... |  | 12,220 | 17 |
|--------------------|--|--------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 467,121 | 67 |
|--|--|---------|----|

|  |    |         |    |
|--|----|---------|----|
|  | \$ | 479,078 | 91 |
|--|----|---------|----|

## OPERATING EXPENSES—

|                     |  |        |    |
|---------------------|--|--------|----|
| Administration..... |  | 24,807 | 06 |
|---------------------|--|--------|----|

## Operation and Maintenance—

|                            |  |         |    |
|----------------------------|--|---------|----|
| Grain Elevator System..... |  | 184,169 | 98 |
|----------------------------|--|---------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 208,977 | 04 |
|--|--|---------|----|

|                       |  |         |    |
|-----------------------|--|---------|----|
| Operating Income..... |  | 270,101 | 87 |
|-----------------------|--|---------|----|

|                                   |  |       |    |
|-----------------------------------|--|-------|----|
| MISCELLANEOUS INCOME CREDITS..... |  | 1,594 | 99 |
|-----------------------------------|--|-------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 271,696 | 86 |
|--|--|---------|----|

## MISCELLANEOUS DEDUCTIONS FROM INCOME

|                                   |  |     |    |
|-----------------------------------|--|-----|----|
| Miscellaneous Income Charges..... |  | 781 | 46 |
|-----------------------------------|--|-----|----|

|                         |    |         |    |
|-------------------------|----|---------|----|
| Net Income Surplus..... | \$ | 270,915 | 40 |
|-------------------------|----|---------|----|



## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

## TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1952, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1952.....         | 64,284,600 | 61,093,617 | 125,378,217 |
| 1951.....         | 47,146,158 | 44,965,896 | 92,112,054  |
| 1950.....         | 40,433,452 | 39,109,356 | 79,542,808  |
| 1949.....         | 39,316,122 | 35,705,911 | 75,022,033  |
| 1948.....         | 15,773,726 | 16,553,758 | 32,327,484  |
| <i>Via rail—</i>  |            |            |             |
| 1952.....         | 25,927     | 1,456,143  | 1,482,070   |
| 1951.....         | 52,484     | 1,841,935  | 1,894,419   |
| 1950.....         | 40,809     | 2,518,515  | 2,559,324   |
| 1949.....         | 89,646     | 1,250,530  | 1,340,176   |
| 1948.....         | 34,363     | 1,619,970  | 1,654,333   |
| <i>Via other—</i> |            |            |             |
| 1952.....         |            | 425,975    | 425,975     |
| 1951.....         |            | 304,415    | 304,415     |
| 1950.....         |            | 229,634    | 229,634     |
| 1949.....         |            | 374,202    | 374,202     |
| 1948.....         |            | 442,761    | 442,761     |
| <i>Total—</i>     |            |            |             |
| 1952.....         | 64,310,527 | 62,975,735 | 127,286,262 |
| 1951.....         | 47,198,642 | 47,112,246 | 94,310,888  |
| 1950.....         | 40,474,261 | 41,857,505 | 82,331,766  |
| 1949.....         | 39,405,768 | 37,330,643 | 76,736,411  |
| 1948.....         | 15,808,089 | 18,616,489 | 34,424,578  |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$95,311. This consisted of general overhaul and repairs to conveyors, buildings, electrical circuits, marine legs, vessel shovel gear, spouts, scales, lofters, car haul equipment, dust control system and wharves.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$860,348, as compared with \$630,423 in 1951. Operating and maintenance expenses were \$485,315, the corresponding figure for 1951 being \$394,843.

Net income surplus for 1952 was \$365,786, as against \$239,738 in the previous year, an increase of \$126,048. No charge is made in the accounts of this facility for interest (except a small amount on recent capital expenditures) or for depreciation of physical property.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUE—

|                    |               |               |
|--------------------|---------------|---------------|
| Elevation.....     | \$ 783,795 75 |               |
| Storage.....       | 76,399 76     |               |
| Miscellaneous..... | 152 94        |               |
|                    | <hr/>         | \$ 860,348 45 |

## OPERATING EXPENSES—

|                                |            |            |
|--------------------------------|------------|------------|
| Administration.....            | 41,020 69  |            |
| Operation and Maintenance..... | 444,294 29 |            |
|                                | <hr/>      | 485,314 98 |

Operating Income..... 375,033 47

## MISCELLANEOUS INCOME CREDITS.....

6,758 62

Total Income..... 381,792 09

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|                                   |           |            |
|-----------------------------------|-----------|------------|
| Miscellaneous Income Charges..... | 10,666 39 |            |
|                                   | <hr/>     | 371,125 70 |

## OTHER INCOME REQUIREMENTS—

|                              |          |  |
|------------------------------|----------|--|
| Interest due Government..... | 5,339 98 |  |
|------------------------------|----------|--|

Net Income Surplus..... \$ 365,785 72

# Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1952

### ASSETS

|  |                      |
|--|----------------------|
| <b>CURRENT—</b>  |                      |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 313,641 72        |
| Accounts Receivable.....   | 34,405 70            |
| Stores on hand.....  | 71,337 71            |
| Other Assets.....  | 5,692 30             |
|  | <u>\$ 425,677 43</u> |

|  |                 |
|--|-----------------|
| <b>CONTRACTORS' SECURITY DEPOSITS.....</b> | <b>4,160 00</b> |
| <b>PREPAID EXPENSES.....</b>               | <b>38 36</b>    |
| <b>CAPITAL SUSPENSE.....</b>               | <b>8,749 89</b> |

|                                      |                     |
|--------------------------------------|---------------------|
| <b>FIXED—</b>                        |                     |
| Real Estate.....                     | 21,875 80           |
| Wharves and Piers.....               | 533,644 00          |
| Railway System.....                  | 42,189 22           |
| Grain Elevator System.....           | 1,940,724 73        |
| Office Furniture and Appliances..... | 7,137 54            |
| Miscellaneous Small Plant.....       | 25,035 06           |
|                                      | <u>2,570,606 35</u> |

\$ 3,009,232 03

### LIABILITIES AND PROPRIETARY EQUITY

#### LIABILITIES

|   |                     |
|---|---------------------|
| <b>CURRENT—</b>                                   |                     |
| Accounts Payable.....                             | \$ 10,870 05        |
| Salaries and Wages Payable.....                   | 2,128 23            |
|   | <u>\$ 12,998 28</u> |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.....</b> | <b>4,160 00</b>     |

17,158 28

#### PROPRIETARY EQUITY

|                              |                     |
|------------------------------|---------------------|
| <b>GOVERNMENT OF CANADA—</b> |                     |
| Loans and Advances—          |                     |
| Non-interest bearing.....    | \$ 2,356,217 60     |
| Interest bearing.....        | 181,544 28          |
| Accrued Interest.....        | 5,339 98            |
|                              | <u>2,543,101 86</u> |

|  |           |
|--|-----------|
| <b>RESERVES—</b>   |           |
| Depreciation, Small Plant and Office Furniture and Appliances..... | 16,562 93 |

|                               |            |
|-------------------------------|------------|
| <b>SURPLUS—</b>               |            |
| As at Jan. 1, 1952.....       | 306,361 49 |
| Profit on 1952 Operations.... | 365,785 72 |

|  |                   |
|--|-------------------|
| <b>PAYMENT TO GOVERNMENT OF 1951 EARNINGS.....</b> | <b>672,147 21</b> |
|  | <u>239,738 25</u> |

432,408 96

2,992,073 75

\$ 3,009,232 03

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the Board include 1,855 linear feet of wharf with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 2,500,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 15 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 45                      | 103,466                      |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 36                      | 82,131                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 44                      | 103,461                      |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 35                      | 82,077                       |
| 1949.....          | 32                      | 72,157                       |
| 1948.....          | 35                      | 73,483                       |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952                    |                              | 1951                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 27                      | 97,232                       | 21                      | 88,612                       |
| Coastal or inland commercial (including fishery)..... | 18                      | 6,234                        | 13                      | 5,033                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 45                      | 103,466                      | 34                      | 93,645                       |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 27                      | 97,232                       | 21                      | 88,612                       |
| Coastal or inland commercial (including fishery)..... | 17                      | 6,229                        | 13                      | 5,033                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 44                      | 103,461                      | 34                      | 93,645                       |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1952.....        | 8,529  | 257,553 | 266,082 |
| 1951.....        | 7,650  | 218,420 | 226,070 |
| 1950.....        | 3,350  | 203,032 | 206,382 |
| 1949.....        | 2,000  | 165,826 | 167,826 |
| 1948.....        | 949    | 158,760 | 159,709 |
| <i>Domestic—</i> |        |         |         |
| 1952.....        | 762    | 3,536   | 4,298   |
| 1951.....        | 172    | 2,555   | 2,727   |
| 1950.....        | 11     | 2,315   | 2,326   |
| 1949.....        | 66     | 2,432   | 2,498   |
| 1948.....        | 103    | 2,816   | 2,919   |
| <i>Total—</i>    |        |         |         |
| 1952.....        | 9,291  | 261,089 | 270,380 |
| 1951.....        | 7,822  | 220,975 | 228,797 |
| 1950.....        | 3,361  | 205,347 | 208,708 |
| 1949.....        | 2,066  | 168,258 | 170,324 |
| 1948.....        | 1,052  | 161,576 | 162,628 |

(Exclusive of ballast (non-revenue) bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1952, with comparisons for previous years.

|                   | Receipts  | Shipments | Total      |
|-------------------|-----------|-----------|------------|
|                   | (Bu.)     | (Bu.)     | (Bu.)      |
| <i>Via water—</i> |           |           |            |
| 1952.....         | .....     | 8,585,122 | 8,585,122  |
| 1951.....         | .....     | 7,278,443 | 7,278,443  |
| 1950.....         | .....     | 6,767,743 | 6,767,743  |
| 1949.....         | .....     | 5,527,535 | 5,527,535  |
| 1948.....         | .....     | 5,325,884 | 5,325,884  |
| <i>Via rail—</i>  |           |           |            |
| 1952.....         | 8,636,512 | .....     | 8,636,512  |
| 1951.....         | 8,814,395 | .....     | 8,814,395  |
| 1950.....         | 7,086,101 | .....     | 7,086,101  |
| 1949.....         | 5,553,069 | .....     | 5,553,069  |
| 1948.....         | 5,279,007 | .....     | 5,279,007  |
| <i>Via other—</i> |           |           |            |
| 1952.....         | .....     | .....     | .....      |
| 1951.....         | .....     | .....     | .....      |
| 1950.....         | .....     | .....     | .....      |
| 1949.....         | .....     | .....     | .....      |
| 1948.....         | .....     | .....     | .....      |
| <i>Total—</i>     |           |           |            |
| 1952.....         | 8,636,512 | 8,585,122 | 17,221,634 |
| 1951.....         | 8,814,395 | 7,278,443 | 16,092,838 |
| 1950.....         | 7,086,101 | 6,767,743 | 13,853,844 |
| 1949.....         | 5,553,069 | 5,527,535 | 11,080,604 |
| 1948.....         | 5,279,007 | 5,325,884 | 10,604,891 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$79,874. The principal items were painting the harbour buildings, redecking and repairs to trestle on elevator tracks, and general maintenance of grain elevator, power house, wharf, water supply system, and shore and floating equipment.

## CAPITAL WORKS

Capital expenditures amounted to \$3,620 for outside painting of staff building no. 2 and purchase of motor car.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$480,345, as compared with \$409,141 in 1951. Expenditures on operation and maintenance were \$532,432, as against \$463,887 in 1951.

After taking into account income credits and debits, there was a net income deficit of \$76,344, as compared with a deficit of \$68,281 shown in 1951, no charge for depreciation having been made, or for interest, except a small amount on capital expended since the harbour was transferred to the Board for administration.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

|                                       |    |            |               |
|---------------------------------------|----|------------|---------------|
| OPERATING REVENUES—                   |    |            |               |
| Harbour General—                      |    |            |               |
| Harbour Dues.....                     | \$ | 1,239 60   |               |
| Miscellaneous.....                    |    | 2,990 00   |               |
|                                       |    |            | \$ 4,229 60   |
| Wharves and Piers—                    |    |            |               |
| Top Wharfage.....                     |    | 21,793 48  |               |
| Dockage.....                          |    | 8,394 37   |               |
|                                       |    |            | 30,187 85     |
| Permanent Sheds—                      |    |            |               |
| Storage.....                          |    |            | 9,333 11      |
| Grain Elevator System—                |    |            |               |
| Elevation.....                        |    | 184,757 79 |               |
| Storage.....                          |    | 49,475 67  |               |
| Miscellaneous.....                    |    | 73,088 45  |               |
|                                       |    |            | 307,321 91    |
| Miscellaneous Services—Outsiders..... |    |            | 129,272 48    |
|                                       |    |            | \$ 480,344 95 |
| OPERATING EXPENSES—                   |    |            |               |
| Administration.....                   |    |            |               |
|                                       |    |            | 54,908 58     |
| Operation and Maintenance—            |    |            |               |
| Harbour Dredging.....                 |    | 23,275 28  |               |
| Harbour General.....                  |    | 35,416 09  |               |
| Roads, Fences and Boundaries.....     |    | 8,240 69   |               |
| Wharves and Piers.....                |    | 12,095 68  |               |
| Permanent Sheds.....                  |    | 4,444 52   |               |
| Grain Elevator System.....            |    | 274,097 50 |               |
| Miscellaneous Services—Outsiders..... |    | 119,953 88 |               |
|                                       |    |            | 477,523 64    |
|                                       |    |            | 532,432 22    |
| Operating Deficit.....                |    |            | 52,087 27     |
| MISCELLANEOUS INCOME CREDITS.....     |    |            | 1,690 18      |
|                                       |    |            | 50,397 09     |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |            |               |
| Reserve for Bad Debts.....            |    | 52 00      |               |
| Miscellaneous Income Charges.....     |    | 6,254 06   |               |
|                                       |    |            | 6,306 06      |
|                                       |    |            | 56,703 15     |
| OTHER INCOME REQUIREMENTS—            |    |            |               |
| Interest due Government.....          |    |            | 19,640 49     |
| Net Income Deficit.....               | \$ |            | 76,343 64     |

# Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1952

### ASSETS

|  |                      |
|--|----------------------|
| <b>CURRENT--</b>   |                      |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 22,084 48         |
| Accounts Receivable.....   | \$ 13,085 88         |
| Less—Reserve for Bad Debts....                                   | 78 57                |
| Stores on Hand.....  | 13,007 31            |
| Accrued Revenue.....   | 103,998 24           |
|  | 19,533 02            |
|  | <u>\$ 158,623 05</u> |

|                               |        |
|-------------------------------|--------|
| <b>CAPITAL SUSPENSE</b> ..... | 202 80 |
|-------------------------------|--------|

### FIXED--

|   |                      |
|---|----------------------|
| Harbour Dredging.....                   | \$1,180,299 95       |
| Real Estate.....                        | 60,277 58            |
| Miscellaneous Structures.....           | 173,228 40           |
| Wharves and Piers.....                  | 1,370,038 95         |
| Permanent Sheds.....                    | 200,594 74           |
| Railway System.....                     | 23,097 68            |
| Grain Elevator System.....              | 4,148,117 17         |
| Harbour Buildings.....                  | 532,824 34           |
| Harbour Shops.....                      | 13,299 71            |
| Water Supply System.....                | 423,085 40           |
| Electric Power System.....              | 47,106 80            |
| Floating Equipment.....                 | 931,735 76           |
| Shore Equipment.....                    | 16,391 18            |
| Miscellaneous Small Plant.....          | 421,257 73           |
| Engineering-General Surveys.....        | 109,441 06           |
| Sundry Expenditure (Undistributed)..... | 3,769,430 26         |
|   | <u>13,420,246 71</u> |

\$13,579,072 56

### LIABILITIES AND PROPRIETARY EQUITY

|                       |                  |
|-----------------------|------------------|
| <b>CURRENT--</b>      |                  |
| Accounts Payable..... | \$ 67,301 56     |
| DEFERRED REVENUE..... | 5,308 75         |
|                       | <u>72,610 31</u> |

### LIABILITIES

### PROPRIETARY EQUITY

|                               |                        |
|-------------------------------|------------------------|
| <b>GOVERNMENT OF CANADA--</b> |                        |
| Loans and Advances--          |                        |
| Non-Interest bearing.....     | \$12,867,802 20        |
| Interest bearing.....         | 659,096 56             |
| Accrued Interest.....         | 41,987 85              |
|                               | <u>\$13,568,886 61</u> |
| <b>Deficit--</b>              |                        |
| As at January 1, 1952.....    | 38,329 54              |
| Loss on 1952                  |                        |
| Operations... \$              | 76,343 64              |
| Other Adjustments.....        | 3,954 33               |
| Less Government Grant.....    | 80,297 97              |
|                               | 56,703 15              |
|                               | <u>62,424 36</u>       |

13,506,462 25

\$13,579,072 56

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific and Great Northern railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet. The Board has 3 piers a wharf and two jetties, having about 9,500 linear feet of berthing and 6 transit sheds with an aggregate floor area of about 567,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are provided storage tanks with a capacity of over 470,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and a special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1952.....          | 30,470                  | 18,212,789                   |
| 1951.....          | 30,789                  | 16,535,991                   |
| 1950.....          | 29,551                  | 15,061,377                   |
| 1949.....          | 28,482                  | 13,820,239                   |
| 1948.....          | 28,947                  | 13,645,274                   |
| <i>Departures—</i> |                         |                              |
| 1952.....          | 30,279                  | 18,132,827                   |
| 1951.....          | 30,701                  | 16,739,472                   |
| 1950.....          | 29,560                  | 15,067,357                   |
| 1949.....          | 28,406                  | 13,834,872                   |
| 1948.....          | 28,528                  | 13,621,026                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1952, with comparison for 1951.

|   | 1952              |                        | 1951              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,361             | 5,833,503              | 1,231             | 5,343,574              |
| Coastal or inland commercial (including fishery)..... | 29,109            | 12,374,286             | 29,558            | 11,192,417             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 30,470            | 18,212,789             | 30,789            | 16,535,991             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,348             | 5,786,963              | 1,240             | 5,362,680              |
| Coastal or inland commercial (including fishery)..... | 28,931            | 12,345,864             | 29,461            | 11,376,792             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 30,279            | 18,132,827             | 30,701            | 16,739,472             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1952.....        | 2,890,121 | 4,388,582 | 7,278,703  |
| 1951.....        | 2,848,474 | 3,322,892 | 6,171,366  |
| 1950.....        | 2,878,318 | 2,388,337 | 5,266,655  |
| 1949.....        | 2,156,441 | 2,796,757 | 4,953,198  |
| 1948.....        | 2,307,240 | 2,031,878 | 4,339,118  |
| <i>Domestic—</i> |           |           |            |
| 1952.....        | 2,921,508 | 1,899,331 | 4,820,839  |
| 1951.....        | 3,113,210 | 1,873,324 | 4,986,534  |
| 1950.....        | 3,212,342 | 1,577,956 | 4,790,298  |
| 1949.....        | 2,945,234 | 1,484,791 | 4,430,025  |
| 1948.....        | 3,123,343 | 1,499,948 | 4,623,291  |
| <i>Total—</i>    |           |           |            |
| 1952.....        | 5,811,629 | 6,287,913 | 12,099,542 |
| 1951.....        | 5,961,684 | 5,196,216 | 11,157,900 |
| 1950.....        | 6,090,660 | 3,966,293 | 10,056,953 |
| 1949.....        | 5,101,675 | 4,281,548 | 9,383,223  |
| 1948.....        | 5,430,583 | 3,531,826 | 8,962,409  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of waterborne cargo tonnage unloaded from and loaded to vessels during calendar year 1952, with comparison for 1951.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1952 | Outward<br>1952 | Total<br>1952 | Total<br>1951 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  |                | 3,457,423       | 3,457,423     | 2,441,719     |
| Petroleum Oil, crude.....   | 1,137,369      | 28,064          | 1,165,433     | 1,224,341     |
| Petroleum Oil, fuel.....  | 727,906        | 331,338         | 1,059,244     | 928,319       |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....   | 879,541        | 171,084         | 1,050,625     | 1,124,479     |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 449,556        | 383,001         | 832,557       | 968,224       |
| Gasoline.....   | 277,977        | 195,274         | 473,251       | 458,808       |
| Sand and Gravel.....  | 401,588        | 17,756          | 419,344       | 406,490       |
| Flour, wheat.....   | 60             | 287,308         | 287,368       | 239,232       |
| Wood-pulp.....  | 203,542        | 34,514          | 238,056       | 305,682       |
| Rock and Stone.....   | 5,123          | 192,010         | 197,133       | 199,101       |
| Cement, common or portland.....   | 140,045        | 8,804           | 148,849       | 138,433       |
| Paper, newsprint.....   | 139,838        | 7,013           | 146,851       | 152,461       |
| Kerosene.....   | 63,715         | 48,090          | 111,805       | 100,652       |
| Ores and Concentrates not otherwise specified.....  | 104,612        | 678             | 105,290       | 60,742        |
| Sugar, raw.....   | 94,728         |                 | 94,728        | 82,860        |
| Coal, bituminous.....   | 50,895         | 42,082          | 92,977        | 156,798       |
| Motor Vehicles and Parts.....   | 64,357         | 12,647          | 77,004        | 128,301       |
| Hog Fuel.....   |                | 75,759          | 75,759        | 86,108        |
| Paper not otherwise specified.....  | 54,816         | 19,368          | 74,184        | 81,923        |
| Iron or Steel Bands, Bars not otherwise specified,<br>Hoops, Plates, Rods, Sheets, Skelp, Strip and<br>Tin Plate..... | 61,635         | 916             | 62,551        | 49,516        |
| Iron or Steel Tubes, Pipe and Fittings.....   | 58,846         | 2,688           | 61,534        | 46,825        |
| Fish (including Shell-fish), canned or preserved.....   | 18,014         | 23,523          | 41,537        | 43,656        |
| Beverages, alcoholic.....   | 15,270         | 25,580          | 40,850        | 41,374        |
| Lime.....   | 38,034         | 2,561           | 40,595        | 27,333        |
| Iron or Steel, structural.....  | 22,618         | 12,662          | 35,280        | 35,237        |
| Chemicals not otherwise specified.....  | 19,533         | 14,757          | 34,290        | 33,332        |
| Copra.....  | 33,248         |                 | 33,248        | 29,373        |
| Pulpwood.....   |                | 33,024          | 33,024        | 806           |
| Petroleum Oil, refined not otherwise specified.....   | 13,494         | 18,569          | 32,063        | 31,665        |
| Fish (including Shell-fish), fresh or frozen.....   | 30,337         | 923             | 31,260        | 40,395        |
| Machinery and Parts (except agricultural).....  | 13,826         | 14,496          | 28,322        | 34,022        |
| Salt.....   | 6,707          | 14,484          | 21,191        | 24,325        |
| Fertilizers and Fertilizer Materials.....   | 13,992         | 4,918           | 18,910        | 29,404        |
| Coffee Beans and Coffee Preparations.....   | 16,405         | 357             | 16,762        | 13,943        |
| Grain Products (Mill Products except Wheat Flour).....  |                | 16,598          | 16,598        | 14,118        |
| Sulphur.....  | 4,723          | 9,509           | 14,232        | 23,426        |
| Containers, returned empty.....   | 10,797         | 2,599           | 13,396        | 12,249        |
| Gypsum, crude.....  | 54             | 12,592          | 12,646        | 11,198        |
| Chinaware, Earthenware and Porcelainware.....   | 10,960         | 1,057           | 12,017        | 15,656        |
| Fruits, dried.....  | 11,930         | 14              | 11,944        | 8,863         |
| Fruits, fresh, not otherwise specified.....   | 10,828         | 438             | 11,266        | 11,053        |
| Feed, animal or poultry, not otherwise specified.....   | 641            | 10,396          | 11,037        | 7,460         |
| Petroleum Briquettes.....   | 11,011         |                 | 11,011        | 8,511         |
| Iron or Steel Manufactures not otherwise specified.....   | 8,095          | 2,266           | 10,361        | 10,288        |
| Fish Oils.....  | 5,304          | 4,918           | 10,222        | 9,601         |
| Food-stuffs, canned or preserved not otherwise speci-<br>fied.....  | 9,422          | 689             | 10,111        | 1,428         |
| Fruits, canned or preserved.....  | 9,132          | 922             | 10,054        | 9,309         |
| All Goods not otherwise specified.....  | 561,105        | 744,244         | 1,305,349     | 1,248,861     |
| Total.....  | 5,811,629      | 6,287,913       | 12,099,542    | 11,157,900    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1952, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1952.....         | 2,994   | 2,725    | 5,719     |
| 1951.....         | 2,376   | 2,518    | 4,894     |
| 1950.....         | 3,143   | 3,116    | 6,259     |
| 1949.....         | 2,933   | 3,573    | 6,506     |
| 1948.....         | 2,035   | 2,014    | 4,049     |
| <i>Coastwise—</i> |         |          |           |
| 1952.....         | 794,172 | 875,361  | 1,669,533 |
| 1951.....         | 787,412 | 821,844  | 1,609,256 |
| 1950.....         | 740,056 | 766,001  | 1,506,057 |
| 1949.....         | 778,194 | 816,534  | 1,594,728 |
| 1948.....         | 852,277 | 874,818  | 1,727,095 |
| <i>Total—</i>     |         |          |           |
| 1952.....         | 797,166 | 878,086  | 1,675,252 |
| 1951.....         | 789,788 | 824,362  | 1,614,150 |
| 1950.....         | 743,199 | 769,117  | 1,512,316 |
| 1949.....         | 781,127 | 820,107  | 1,601,234 |
| 1948.....         | 854,312 | 876,832  | 1,731,144 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1952, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1952.....         |             | 117,095,697 | 117,095,697 |
| 1951.....         |             | 83,596,564  | 83,596,564  |
| 1950.....         |             | 50,510,442  | 50,510,442  |
| 1949.....         |             | 70,294,213  | 70,294,213  |
| 1948.....         |             | 37,396,332  | 37,396,332  |
| <i>Via rail—</i>  |             |             |             |
| 1952.....         | 116,752,173 | 3,938,828   | 120,691,001 |
| 1951.....         | 88,049,979  | 3,346,717   | 91,396,696  |
| 1950.....         | 50,377,179  | 2,779,745   | 53,156,924  |
| 1949.....         | 80,320,222  | 5,945,724   | 86,265,946  |
| 1948.....         | 41,730,467  | 4,979,498   | 46,709,965  |
| <i>Via other—</i> |             |             |             |
| 1952.....         | 95,293      | 1,471,110   | 1,566,403   |
| 1951.....         | 6,750       | 228,095     | 294,845     |
| 1950.....         | 8,671       | 268,684     | 277,355     |
| 1949.....         | 8,790       | 151,156     | 159,946     |
| 1948.....         | 6,622       |             | 6,622       |
| <i>Total—</i>     |             |             |             |
| 1952.....         | 116,847,466 | 122,505,635 | 239,353,101 |
| 1951.....         | 88,056,729  | 87,231,376  | 175,288,105 |
| 1950.....         | 50,385,850  | 53,558,871  | 103,944,721 |
| 1949.....         | 80,329,012  | 76,391,093  | 156,720,105 |
| 1948.....         | 41,737,089  | 42,375,830  | 84,112,919  |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1952, with comparison for 1951.

|  | 1952    | 1951    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 23,839  | 17,409  |
| Non-revenue cars.....  | 8,945   | 9,276   |
| Total.....   | 32,784  | 26,685  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 8,845   | 9,139   |
| Non-revenue cars.....  | 23,844  | 17,305  |
| Total.....   | 32,689  | 26,444  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 29,927  | 25,186  |
| Non-revenue cars.....  | 31,518  | 25,966  |
| Total.....   | 61,445  | 51,152  |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 837     | 728     |
| Non-revenue cars.....  | 178     | 346     |
| Total.....   | 1,015   | 1,074   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 63,448  | 52,462  |
| Non-revenue cars.....  | 64,485  | 52,893  |
| Total.....   | 127,933 | 105,355 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance expenditures amounted to \$266,164. The principal items of work were: replacement of timber railway crossings on Granville island with asphalt; levelling and repaving entrance to Ballantyne pier; partial renewal of ships' water supply line on Ballantyne pier; renewal of fender timbers at Lapointe pier; replacement of pumping equipment at the fish oil storage plant, Lapointe pier; partial renewal of Fishermen's wharf float; installation of a mooring structure at Dunlevy avenue wharf and realignment of the outer end of the wharf; renewal of wiring in shed no. 2, Lapointe pier; renewal of roofing on the cupola of no. 1 elevator annex; and levelling the Ballantyne pier office.

## CAPITAL WORKS

Capital expenditure amounted to \$327,390, of which \$19,991 was provided from replacement fund. The principal items were:—

*Reconstruction Elevator No. 4.*—A contract was awarded to Commonwealth Construction Company Limited in December, 1950, for the reconstruction of the track shed, grain galleries and jetty at no. 4 elevator which was necessitated by fire damage. Eighty-five per cent of the work was done by the end of 1951 and the contract was completed in 1952.

*Dry-Wall Rock Protection, Granville Island.*—In March, a contract was awarded to the Coast Quarries, Limited, for the placing of a rock wall to reinforce a 1,900 ft. length of the existing wooden bulkhead around the perimeter of the island. All contract work was finished during the year.



*Reconstruction of Shed No. 1, Lapointe Pier.*—A contract for the reconstruction of shed no. 1, Lapointe pier, was awarded to Smith Bros. & Wilson Ltd. in November. The new shed will be a single storey steel frame structure, 740 ft. by 84 ft., with corrugated steel siding and two attached office buildings. Expenditures on this work during the year were only of a preliminary nature.

*Minor Items.*—Smaller capital items included the construction of a grain inspector's office at no. 1 elevator, partial installation of power outlets for grain trimming equipment, floodlighting the apron at shed no. 2, Lapointe pier, progressive floodlighting at Ballantyne pier, separation of power supply, no. 2 elevator and cold storage plant and the installation of automatic grain samplers at no. 1 elevator.

#### CAPITAL SUSPENSE

*Reconstruction No. 3 Jetty and Grain Galleries.*—No. 3 jetty and grain galleries were destroyed by fire in April and some damage was done to elevator No. 3. The work of reconstruction was undertaken immediately.

A contract was awarded in May to Arrow Transfer Co. Ltd. & West Coast Salvage and Contracting Co. Ltd. for the removal of debris resulting from the fire. This work was about 80 per cent completed at the year end.

A contract was awarded in June to Commonwealth Construction Company Ltd. for the reconstruction of the jetty and galleries. The jetty will consist of precast reinforced concrete slabs on a steel H-pile substructure. The galleries will be of steel construction. The work was about 40 per cent completed at the year end.

Damage to the elevator was repaired, partly under contract and partly by Board forces.

Expenditure to the end of the year was carried in suspense, pending insurance settlement.

#### REVENUES AND EXPENDITURES

Operating revenues were \$3,528,272, as compared with \$3,305,429 in 1951, an increase of \$222,843. Operating and maintenance expenses showed an increase of \$209,641, the comparable figures being \$2,063,371 in 1952 and \$1,853,730 in 1951.

After taking into account income debits and credits and making provision for replacements and interest due the Government, there was a net income surplus of \$755,724, as compared with \$506,551 in 1951.

#### GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1952, with comparisons for previous years.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1952

## OPERATING REVENUES—

## Harbour General—

|                    |               |                 |
|--------------------|---------------|-----------------|
| Harbour Dues.....  | \$ 161,551 15 |                 |
| Cargo Rates.....   | 646,535 22    |                 |
| Miscellaneous..... | 978,448 80    |                 |
|                    |               | \$ 1,786,535 17 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 373,006 04 |            |
| Dockage.....       | 282,949 33 |            |
| Miscellaneous..... | 83,865 25  |            |
|                    |            | 739,820 62 |

## Permanent Sheds—

|                    |           |            |
|--------------------|-----------|------------|
| Shed Rentals.....  | 26,265 93 |            |
| Storage.....       | 96,254 51 |            |
| Miscellaneous..... | 52,015 72 |            |
|                    |           | 174,536 16 |

|                     |  |            |
|---------------------|--|------------|
| Railway System..... |  | 478,239 58 |
|---------------------|--|------------|

## Grain Elevator System—

|              |  |            |
|--------------|--|------------|
| Rentals..... |  | 222,438 99 |
|--------------|--|------------|

## Cold Storage System—

|                    |           |           |
|--------------------|-----------|-----------|
| Storage.....       | 2,292 00  |           |
| Miscellaneous..... | 44,257 00 |           |
|                    |           | 46,549 00 |

|                                       |  |                 |
|---------------------------------------|--|-----------------|
| Miscellaneous Services—Outsiders..... |  | 80,152 75       |
|                                       |  | \$ 3,528,272 27 |

## OPERATING EXPENSES—

|                     |               |  |
|---------------------|---------------|--|
| Administration..... | \$ 207,992 51 |  |
|---------------------|---------------|--|

## Operation and Maintenance—

|                                       |               |              |
|---------------------------------------|---------------|--------------|
| Harbour General.....                  | \$ 817,879 24 |              |
| Roads, Fences and Boundaries.....     | 10,112 37     |              |
| Wharves and Piers.....                | 160,574 71    |              |
| Permanent Sheds.....                  | 218,804 43    |              |
| Shed Hoists.....                      | 1,234 13      |              |
| Railway System.....                   | 491,509 10    |              |
| Grain Elevator System.....            | 36,516 56     |              |
| Cold Storage System.....              | 43,054 80     |              |
| Miscellaneous Services—Outsiders..... | 75,692 67     |              |
|                                       |               | 1,855,378 01 |
|                                       |               | 2,063,370 52 |

|                       |  |              |
|-----------------------|--|--------------|
| Operating Income..... |  | 1,464,901 75 |
|-----------------------|--|--------------|

|  |            |  |
|--|------------|--|
| INCOME RECEIVED FROM INVESTMENT AND RESERVE FUNDS..... | 248,565 74 |  |
|--|------------|--|

|                                   |           |            |
|-----------------------------------|-----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 11,883 76 |            |
|                                   |           | 260,454 50 |

|                   |  |              |
|-------------------|--|--------------|
| Total Income..... |  | 1,725,356 25 |
|-------------------|--|--------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |              |
|---|----------|--------------|
| Income received from Reserve funds transferred to Reserves..... | 5,154 70 |              |
| Miscellaneous Income Charges.....                               | 1,725 97 |              |
|   |          | 6,880 67     |
|   |          | 1,718,475 58 |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 283,028 72 |            |
| Interest due Government.....  | 679,722 94 |            |
|                               |            | 962,751 66 |

|                         |               |  |
|-------------------------|---------------|--|
| Net Income Surplus..... | \$ 755,723 92 |  |
|-------------------------|---------------|--|

# Harbour of Vancouver BALANCE SHEET AS AT DECEMBER 31, 1952

| ASSETS                                    |                 | LIABILITIES AND PROPRIETARY EQUITY         |                 |
|---|-----------------|--|-----------------|
| CURRENT—                                  |                 | CURRENT—                                   |                 |
| Cash on hand and on deposit with Receiver |                 | Accounts Payable.....                      | \$ 410,912 43   |
| General of Canada.....                    | \$ 847,940 08   | Salaries and Wages Payable.....            | 15,333 65       |
| Accounts Receivable.....                  | \$ 584,362 10   | Other Current Liabilities.....             | 8,067 56        |
| Less—Reserve for Bad Debts.....           | 30,025 45       |  |                 |
| Stores on Hand.....                       |                 | CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 434,313 64      |
| Accrued Revenue.....                      | \$ 1,439,547 30 | CONTRACTORS' HOLDINGS—CONSTRUCTION.....    | 142,849 03      |
|   |                 | ACCOUNTS PAYABLE—CONSTRUCTION.....         | 22,507 41       |
| INVESTMENTS.....                          | \$ 637,547 02   | DEFERRED REVENUE AND SUSPENSE ACCOUNT..... | 214,938 45      |
| CONTRACTORS' SECURITY DEPOSITS.....       | 128,949 03      |  | 211,522 69      |
|   |                 |  | \$ 1,026,131 22 |
| RESERVE FUNDS—                            |                 | GOVERNMENT OF CANADA—                      |                 |
| Replacement Fund.....                     | \$ 8,018,675 15 | Loans and Advances—                        |                 |
| Fire and General Insurance Fund.....      | 154,837 77      | Non-interest bearing.....                  | \$ 2,610,496 37 |
| Miscellaneous Funds.....                  | 64,083 12       | Interest bearing.....                      | 24,940,846 84   |
|   |                 |  | 27,551,343 21   |
|   |                 | PROPRIETARY EQUITY                         |                 |
| PREPAID CHARGES.....                      |                 |  |                 |
| CAPITAL SUSPENSE.....                     |                 |  |                 |
| FIXED—                                    |                 |  |                 |
| Harbour Dredging.....                     | 5,957 34        | Reserves for—                              |                 |
| Real Estate.....                          | 7,051,492 71    | Replacement.....                           | 8,019,384 11    |
| Roads, Fences and Boundaries.....         | 353,027 37      | Fire and General Insurance.....            | 154,837 77      |
| Sewers and Drains.....                    | 16,549 12       | Granville Island Maintenance.....          | 17,085 36       |
| Miscellaneous Structures.....             | 20,381 25       |  | 8,191,307 24    |
| Wharves and Piers.....                    | 9,460,106 24    |  |                 |
| Permanent Sheds.....                      | 1,633,391 64    | Surplus—                                   |                 |
| Railway System.....                       | 1,484,769 66    | As at January 1, 1952.....                 | 35,742,650 45   |
| Grain Elevator System.....                | 7,291,274 24    | Profit on 1952 Operations.....             | 1,519,098 15    |
| Cold Storage System.....                  | 105,712 82      |  | 755,723 92      |
| Office Furniture and Appliances.....      | 39,524 29       |  |                 |
| Harbour Buildings.....                    | 161,387 11      | Less Adjustments during the                |                 |
| Harbour Shops.....                        | 5,170 46        | year.....                                  | 44,071 42       |
| Water Supply System.....                  | 88,339 05       |  |                 |
| Floating Equipment.....                   | 20,095 79       |  |                 |
| Shore Equipment.....                      | 306,028 12      |  |                 |
| Miscellaneous Small Plant.....            | 51,090 72       |  |                 |
| Works under Construction.....             | 20,724 71       |  |                 |
|   |                 |  | 2,230,750 65    |
|   |                 |  | 37,973,401 10   |
|   |                 |  | \$38,999,532 32 |

## HEAD OFFICE, OTTAWA

Statement of revenues and expenditures and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the Board and the amount borne by each is included in the respective expenditure statements.

## REVENUE AND EXPENDITURE STATEMENT FOR THE CALENDAR YEAR 1952

## REVENUE—

|   |    |            |                   |
|---|----|------------|-------------------|
| Assessments.....  | \$ | 202,859 08 |                   |
| Income from Workmen's Compensation Fund Investment..... |    | 18,307 43  |                   |
|   |    | <u>\$</u>  | <u>221,166 51</u> |

## EXPENDITURE—

|                            |                   |  |
|----------------------------|-------------------|--|
| Salaries.....              | 133,128 43        |  |
| Travelling Expenses.....   | 7,308 52          |  |
| Advertising.....           | 2,234 00          |  |
| Office Expenses.....       | 36,039 30         |  |
| Treasury Office—           |                   |  |
| Salaries and Expenses..... | 24,098 83         |  |
|                            | <u>202,859 08</u> |  |

|  |           |                   |
|--|-----------|-------------------|
| INCOME FROM RESERVE FUNDS TRANSFERRED TO RESERVES..... | 18,307 43 |                   |
|  | <u>\$</u> | <u>221,166 51</u> |

# Head Office, Ottawa

## BALANCE SHEET AS AT DECEMBER 31, 1952

### ASSETS

CURRENT—  
Cash on hand and on deposit with Receiver General of Canada. \$ 1,000 00

### LIABILITIES

CURRENT—  
Accounts Payable.....\$ 1,000 00

### PENSION ACCOUNTS—

Reserve.....\$ 4,976,109 44  
Accounts Payable.....3,407 13

### GENERAL WORKMEN'S COMPENSATION FUND—

Cash and Securities.....\$ 703,766 74  
Accounts Receivable.....12,022 67

### WORKMEN'S COMPENSATION ACCOUNTS—

Reserve.....700,302 78  
Accounts Payable.....15,486 63

### PENSION FUND—

Cash—Receiver General of Canada.....4,978,358 32  
Accounts Receivable.....1,158 25

### PROPRIETARY EQUITY

### GOVERNMENT OF CANADA—

### RESERVES—

Depreciation, Office Furniture and Appliances.....3,603 92  
Surplus as at Jan. 1, 1952.....\$ 3,793 56  
Adjustments in 1952.....1,339 68

### FIXED—

Office Furniture and Appliances.....8,737 16

\$ 5,705,043 14

\$ 5,705,043 14

\$ 5,705,043 14















Doc  
in

41 T 66  
- AS6

ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year  
1953



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1954

Price, 25 cents



ANNUAL REPORT  
OF THE  
NATIONAL HARBOURS  
BOARD

For Calendar Year

1953



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1954



## NATIONAL HARBOURS BOARD

### Members of Board

|                                   |                |
|-----------------------------------|----------------|
| R. K. Smith, Q.C.....             | Chairman.      |
| Brigadier M. Archer, M.E.I.C..... | Vice-Chairman. |
| B. J. Roberts, C.B.E.....         | Member.        |

### Head Office Officials

|                              |  |
|------------------------------|--|
| W. C. Perron.....            | Executive Director and<br>Traffic Officer. |
| C. P. Buckley.....           | Secretary.                                 |
| T. M. Bryson, M.B.E.....     | Assistant Secretary.                       |
| L. R. Stratton, M.E.I.C..... | Chief Engineer.                            |
| J. F. Finlay.....            | Legal Adviser.                             |

### Port Officials

|                    |                                    |                                     |
|--------------------|------------------------------------|-------------------------------------|
| Halifax.....       | J. R. Mitchell.....                | Port Manager.                       |
| Saint John.....    | Russell Yuill, M.B.E., M.E.I.C.... | Port Manager.                       |
| Chicoutimi.....    | Albert Maltais.....                | Port Manager.                       |
| Quebec.....        | Louis Beaudry, M.E.I.C.....        | Port Manager and<br>Chief Engineer. |
| Three Rivers.....  | Henri Gauthier.....                | Port Manager.                       |
| Montreal.....      | A. G. Murphy, M.E.I.C.....         | Port Manager.                       |
| Prescott.....      | Alex. Ross.....                    | Superintendent.                     |
| Port Colborne..... | C. A. Bennett.....                 | Superintendent.                     |
| Churchill.....     | W. N. Twolan.....                  | Port Manager.                       |
| Vancouver.....     | A. E. McMaster, O.B.E.....         | Port Manager.                       |

## TABLE OF CONTENTS

PAGE

|                                      |    |
|--------------------------------------|----|
| Report to Minister of Transport..... | 5  |
| Consolidated Income Statement.....   | 12 |
| Consolidated Balance Sheet.....      | 14 |
| Harbour of Halifax.....              | 16 |
| Harbour of Saint John.....           | 22 |
| Harbour of Chicoutimi.....           | 28 |
| Harbour of Quebec.....               | 33 |
| Harbour of Three Rivers.....         | 40 |
| Harbour of Montreal.....             | 45 |
| Jacques Cartier Bridge.....          | 53 |
| Prescott Elevator.....               | 55 |
| Port Colborne Elevator.....          | 58 |
| Harbour of Churchill.....            | 61 |
| Harbour of Vancouver.....            | 65 |
| Head Office, Ottawa.....             | 72 |



# NATIONAL HARBOURS BOARD

OTTAWA, March 17, 1954

To the Honourable LIONEL CHEVRIER, Q.C., M.P.,  
Minister of Transport,  
Ottawa.

SIR.—Pursuant to Section 32 of The National Harbours Board Act, we have the honour to submit the eighteenth annual report of the National Harbours Board, covering the operations for the calendar year 1953, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver and the Government grain elevators at Prescott and Port Colborne.

## THE YEAR IN BRIEF

Aggregate cargo tonnage in 1953 was slightly in excess of that for the previous year and established a new high record. The unfavourable feature of the cargo movement was a decline of 9% in foreign outward traffic. The total cargo movement of 42,500,000 tons in 1953 compares with 24,400,000 tons in 1935, the year prior to the institution of unified direction and control of national harbours.

The financial results were the best in the experience of the Board with operating revenues of over \$21,000,000, and a net income surplus of \$2,400,000.

An extensive construction program of new and improved harbour facilities was carried on during the year. Major projects completed or in progress represent a total outlay of \$14,000,000.

The Vancouver harbour terminal railway was transferred to the Canadian National Railway Company as of January 1, 1953.

## SHIPPING

Vessel arrivals in 1953 numbered 49,961, the aggregate net registered tonnage being 45,307,299. The comparable figures for 1952 were 47,821 vessels, aggregating 42,652,542 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 49,961                  | 45,307,299                   |
| 1952.....          | 47,821                  | 42,652,542                   |
| 1951.....          | 47,748                  | 39,076,553                   |
| 1950.....          | 46,154                  | 37,115,589                   |
| 1949.....          | 44,067                  | 34,723,963                   |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 49,793                  | 45,266,722                   |
| 1952.....          | 47,658                  | 42,610,845                   |
| 1951.....          | 47,653                  | 39,256,626                   |
| 1950.....          | 46,176                  | 37,161,450                   |
| 1949.....          | 43,958                  | 34,738,922                   |

(Exclusive of Naval Vessels)



## CARGO TONNAGE

Aggregate cargo tonnage in 1953 was 42,525,237, as compared with 42,337,198 in 1952, the increase being 188,039 tons.

Grain traffic was again at a high level, the total tonnage figure being only slightly below that of the previous year.

Considering other commodities with aggregate tonnages in excess of 200,000, the only important changes were increases in fuel oil, sand and gravel, and scrap iron and steel, and decreases in crude petroleum, gasoline, logs, wheat flour and iron ore. The remaining commodities in the group—bituminous coal, pulpwood, lumber, raw sugar, cement, wood-pulp, newsprint, motor vehicles and parts, anthracite coal, iron and steel, gypsum, asbestos and rock and stone—showed little change from 1952.

Foreign inward traffic increased 450,889 tons, or 5%, and foreign outward traffic decreased 1,358,195 tons, or 9%, compared with 1952. Domestic traffic inward increased 1,376,914 tons, or 12%, and domestic traffic outward decreased 281,569 tons, or 4%, compared with 1952.

The following statement summarizes the volume of water-borne cargo tonnage in 1953 and the four previous years:

## CARGO TONNAGE—SUMMARY

*Basis:* Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1953.....        | 9,932,746  | 13,532,387 | 23,465,133 |
| 1952.....        | 9,481,857  | 14,890,582 | 24,372,439 |
| 1951.....        | 10,481,957 | 11,178,577 | 21,660,534 |
| 1950.....        | 12,269,442 | 8,417,922  | 20,687,364 |
| 1949.....        | 8,966,194  | 10,054,211 | 19,020,405 |
| <i>Domestic—</i> |            |            |            |
| 1953.....        | 12,817,184 | 6,242,920  | 19,060,104 |
| 1952.....        | 11,440,270 | 6,524,489  | 17,964,759 |
| 1951.....        | 10,455,728 | 6,697,544  | 17,153,272 |
| 1950.....        | 9,939,999  | 5,988,120  | 15,928,119 |
| 1949.....        | 9,731,343  | 4,962,048  | 14,693,391 |
| <i>Total—</i>    |            |            |            |
| 1953.....        | 22,749,930 | 19,775,307 | 42,525,237 |
| 1952.....        | 20,922,127 | 21,415,071 | 42,337,198 |
| 1951.....        | 20,937,685 | 17,876,121 | 38,813,806 |
| 1950.....        | 22,209,441 | 14,406,042 | 36,615,483 |
| 1949.....        | 18,697,537 | 15,016,259 | 33,713,796 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## REVENUES AND EXPENDITURES

## OPERATING REVENUES

Operating revenues of all units in 1953 amounted to \$21,032,018, as compared with \$20,298,693 in the previous year. The increase was \$733,325, or 3%. If the figures are adjusted for comparative purposes to allow for the loss of Vancouver harbour terminal railway earnings in 1953, an effective increase in revenues of \$1,211,565, or 6%, is shown.

Receipts from grain elevator operations were nearly one million dollars over those of 1952. Bridge tolls and miscellaneous harbour services also showed increases but other main sources of harbour revenues—including wharves and sheds—showed only minor changes.

#### OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1953 were \$11,703,248, as against \$12,187,818 reported for 1952, a decrease of \$484,570, or about 4%.

The decline in expenses was occasioned by two special situations: transfer of the Vancouver harbour terminal railway, previously referred to, and reduction in maintenance dredging. The dredging program at Quebec in 1952 was unusually extensive and involved a much greater outlay than was required in 1953.

Except for these special circumstances, expenses would have shown an increase of \$610,316, or 5%. Increased costs were incurred in the operation of grain elevators, as well as most other harbour facilities.

The Board's total payroll in 1953 was \$6,930,000, or over 4% more than in 1952, if adjustment is made for the transfer of the terminal railway at Vancouver.

Expenditure charged to maintenance in 1953 was \$2,867,000, as compared with \$3,467,000 in the previous year.

Operating income in 1953 showed a gain of \$1,217,894, the comparable figures being \$9,328,770 in 1953 and \$8,110,876 in 1952.

After taking into account miscellaneous income debits and credits and charging interest and reserve for replacements, operations for 1953 resulted in a net income surplus of \$2,406,514, as compared with a surplus of \$1,065,829 in the previous year.

It may be noted that the grain elevators at Prescott and Port Colborne and the facilities at Churchill harbour were transferred to the Board for administration without the imposition of any carrying charges in respect of the capital investment at the date of transfer, and the surplus of \$2,406,514 includes \$927,499 as the combined net earnings of the facilities referred to, exclusive of such charges, including depreciation.

#### CHANGES IN TARIFFS

No changes were made in harbour charges during 1953 other than a few minor adjustments.

#### CONSOLIDATED STATEMENT—SEVEN HARBOURS

The seven harbours administered by local commissioners prior to 1936—Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver—had aggregate operating revenues of \$18,727,218 in 1953, as compared with \$18,478,921 in 1952. The increase was \$248,297, or somewhat less than 2%.

Expenses of administration, operation and maintenance decreased from \$10,961,093 in 1952 to \$10,343,855 in 1953, a difference of \$617,238, or 6%.

Operating income was \$8,383,363 in 1953, as against \$7,517,828 in the previous year.

Net income surplus in 1953 was \$1,497,015, as compared with a surplus of \$505,471 in 1952.

The following is a comparative income statement for the seven harbours referred to for each of the years 1949 to 1953 inclusive:

### CONSOLIDATED INCOME STATEMENT

Harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver

|                                    | 1953       | 1952       | 1951       | 1950       | 1949       |
|------------------------------------|------------|------------|------------|------------|------------|
|                                    | \$         | \$         | \$         | \$         | \$         |
| OPERATING REVENUES.....            | 18,727,218 | 18,478,921 | 16,058,949 | 13,924,837 | 13,066,488 |
| OPERATING AND MAINTENANCE EXPENSES | 10,343,855 | 10,961,093 | 8,979,697  | 7,648,490  | 7,376,641  |
| Operating Income.....              | 8,383,363  | 7,517,828  | 7,079,252  | 6,276,347  | 5,689,847  |
| MISCELLANEOUS CREDITS (Net).....   | 936,703    | 808,525    | 302,954    | 99,115     | 120,911    |
| Total Income.....                  | 9,320,066  | 8,326,353  | 6,776,298  | 6,177,232  | 5,568,936  |
| INTEREST DUE PUBLIC.....           | 175        | 19,657     | 33,572     | 33,572     | 832,285    |
|                                    | 9,319,891  | 8,306,696  | 6,742,726  | 6,143,660  | 4,736,651  |
| OTHER INCOME REQUIREMENTS—         |            |            |            |            |            |
| Reserve for Replacements.....      | 2,476,102  | 2,479,109  | 1,952,879  | 1,934,413  | 1,928,002  |
| Interest due Government.....       | 5,364,774  | 5,322,116  | 5,273,226  | 5,212,002  | 4,642,606  |
|                                    | 7,840,876  | 7,801,225  | 7,226,105  | 7,146,415  | 6,570,608  |
|                                    | 1,479,015  | 505,471    | 483,379    | 1,002,755  | 1,833,957  |
| Deduct—                            |            |            |            |            |            |
| Special Contributions to Deficit   |            |            |            |            |            |
| (Br.-Montreal).....                |            |            |            |            | 116,582    |
| Net Income Surplus or Deficit...   | 1,479,015  | 505,471    | 483,379    | 1,002,755  | 1,717,376  |

### PRESCOTT, PORT COLBORNE AND CHURCHILL

A marked improvement took place in the net income of the grain elevators at Prescott and Port Colborne and the harbour of Churchill—the latter showing the second surplus in its history.

Combined revenues amounted to \$2,304,800 in 1953, as compared with \$1,819,772 in the previous year.

Operating and maintenance expenses totalled \$1,359,393, as against \$1,226,724 in 1952.

The three units showed a net income surplus of \$927,499, as compared with \$560,357 in 1952. Their accounts do not include charges for interest or reserve for replacements other than a relatively small amount for interest on sums borrowed by the Board for capital expenditures since their transfer in 1937.

The following is a consolidated income statement for these facilities for 1953, showing also comparative figures for the preceding four years:

### CONSOLIDATED INCOME STATEMENT

PRESCOTT AND PORT COLBORNE ELEVATORS AND HARBOUR OF CHURCHILL

|                                     | 1953      | 1952      | 1951      | 1950      | 1949      |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                     | \$        | \$        | \$        | \$        | \$        |
| OPERATING REVENUES.....             | 2,304,800 | 1,819,772 | 1,316,108 | 1,240,508 | 1,006,209 |
| OPERATING AND MAINTENANCE EXPENSES  | 1,359,393 | 1,226,724 | 1,017,869 | 1,026,516 | 783,980   |
|                                     | 945,407   | 593,048   | 298,239   | 213,992   | 222,229   |
| OTHER DEBITS AND CREDITS (Net)..... | 17,908    | 32,691    | 9,516     | 1,112     | 1,628     |
| Net Income Surplus or Deficit...    | 927,499   | 560,357   | 288,723   | 215,104   | 223,857   |



The following statistical record is submitted showing operating revenues, operating expenses and operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|  |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|------|-----------------------|-----------------------|---------------------|
|  |      | \$                    | \$                    | \$                  |
| Halifax.....                           | 1949 | 1,300,605             | 893,699               | 406,906             |
|  | 1950 | 1,158,425             | 895,757               | 262,668             |
|  | 1951 | 1,338,348             | 1,044,779             | 293,569             |
|  | 1952 | 1,606,576             | 1,251,530             | 355,046             |
|  | 1953 | 1,671,954             | 1,224,866             | 447,088             |
| Saint John.....                        | 1949 | 715,423               | 501,163               | 214,260             |
|  | 1950 | 627,860               | 511,328               | 116,532             |
|  | 1951 | 728,648               | 576,255               | 152,393             |
|  | 1952 | 906,517               | 661,184               | 245,333             |
|  | 1953 | 864,760               | 697,702               | 167,058             |
| Chicoutimi.....                        | 1949 | 58,386                | 19,440                | 38,946              |
|  | 1950 | 69,816                | 22,172                | 47,644              |
|  | 1951 | 82,416                | 29,185                | 53,231              |
|  | 1952 | 86,450                | 26,037                | 60,413              |
|  | 1953 | 94,202                | 49,680                | 44,522              |
| Quebec.....                            | 1949 | 871,022               | 813,289               | 57,733              |
|  | 1950 | 978,667               | 818,594               | 160,073             |
|  | 1951 | 1,415,577             | 1,217,085             | 198,492             |
|  | 1952 | 1,722,137             | 2,130,402             | 408,265*            |
|  | 1953 | 1,829,632             | 1,447,599             | 382,033             |
| Three Rivers.....                      | 1949 | 213,745               | 45,194                | 168,551             |
|  | 1950 | 265,209               | 64,159                | 201,050             |
|  | 1951 | 296,923               | 37,168                | 259,755             |
|  | 1952 | 336,628               | 63,584                | 273,044             |
|  | 1953 | 320,823               | 83,040                | 237,783             |
| Montreal.....                          | 1949 | 6,272,697             | 3,663,798             | 2,608,899           |
|  | 1950 | 6,324,037             | 3,500,606             | 2,823,431           |
|  | 1951 | 7,478,227             | 4,053,329             | 3,424,898           |
|  | 1952 | 8,692,656             | 4,567,823             | 4,124,833           |
|  | 1953 | 9,064,500             | 4,945,382             | 4,119,118           |
| Jacques Cartier Bridge (Montreal)..... | 1949 | 1,104,921             | 141,727               | 963,194             |
|  | 1950 | 1,231,537             | 148,385               | 1,083,152           |
|  | 1951 | 1,413,381             | 168,165               | 1,245,216           |
|  | 1952 | 1,599,684             | 197,162               | 1,402,522           |
|  | 1953 | 1,734,087             | 206,563               | 1,527,524           |
| Prescott.....                          | 1949 | 264,004               | 150,155               | 113,849             |
|  | 1950 | 283,680               | 143,904               | 139,776             |
|  | 1951 | 276,544               | 159,139               | 117,405             |
|  | 1952 | 479,079               | 208,977               | 270,102             |
|  | 1953 | 635,565               | 249,378               | 386,187             |
| Port Colborne.....                     | 1949 | 485,718               | 293,881               | 191,837             |
|  | 1950 | 588,357               | 325,954               | 262,403             |
|  | 1951 | 630,423               | 394,843               | 235,580             |
|  | 1952 | 860,348               | 485,315               | 375,033             |
|  | 1953 | 1,048,208             | 565,268               | 482,940             |
| Churchill.....                         | 1949 | 256,487               | 339,944               | 88,457*             |
|  | 1950 | 368,472               | 556,659               | 188,187*            |
|  | 1951 | 409,141               | 463,887               | 64,746*             |
|  | 1952 | 480,345               | 532,432               | 62,087*             |
|  | 1953 | 621,027               | 544,747               | 76,280              |
| Vancouver.....                         | 1949 | 2,260,677             | 1,209,250             | 1,051,427           |
|  | 1950 | 2,985,966             | 1,594,580             | 1,391,386           |
|  | 1951 | 3,305,429             | 1,853,730             | 1,451,699           |
|  | 1952 | 3,528,272             | 2,063,370             | 1,464,902           |
|  | 1953 | 3,147,259             | 1,689,025             | 1,458,234           |

\* Deficits.



|  |      | Operating<br>Revenues | Operating<br>Expenses | Operating<br>Income |
|--|------|-----------------------|-----------------------|---------------------|
|  |      | \$                    | \$                    | \$                  |
| Second Narrows Bridge (Vancouver)..... | 1949 | 269,012               | 89,082                | 179,930             |
|  | 1950 | 283,319               | 92,908                | 190,411             |
| (Reverted to former owners in 1951)    |      |                       |                       |                     |
| All Units.....                         | 1949 | 14,072,697            | 8,160,622             | 5,912,075           |
|  | 1950 | 15,165,345            | 8,675,006             | 6,490,339           |
|  | 1951 | 17,375,059            | 9,997,566             | 7,377,493           |
|  | 1952 | 20,298,693            | 12,187,817            | 8,110,876           |
|  | 1953 | 21,032,018            | 11,703,248            | 9,328,770           |

### CAPITAL EXPENDITURES

Major construction projects completed or in progress in 1953 included transit sheds at Quebec, Three Rivers, Montreal and Vancouver; new and improved wharves at Saint John and Montreal; enlargement of grain elevator and cold storage warehouse at Halifax; car dumper installations at grain elevators at Quebec and Montreal and reconstruction of grain jetty and galleries at Vancouver.

Expenditures charged to capital account, and financed by advances from the Government, amounted to \$5,764,819. In addition, \$318,720 was expended for replacements and financed from reserve funds. The distribution of these expenditures was as follows:

#### *Capital—*

|                    |                  |
|--------------------|------------------|
| Halifax.....       | \$ 882,145       |
| Saint John.....    | 2,536,408        |
| Quebec.....        | 776,682          |
| Three Rivers.....  | 106,395          |
| Montreal.....      | 689,389          |
| Port Colborne..... | 2,186            |
| Churchill.....     | 182,055          |
| Vancouver.....     | 589,559          |
|                    | <u>5,764,819</u> |

#### *Replacement of Physical Assets—*

|                 |                     |
|-----------------|---------------------|
| Saint John..... | \$ 134,500          |
| Quebec.....     | 138,824             |
| Vancouver.....  | 45,396              |
|                 | <u>318,720</u>      |
|                 | <u>\$ 6,083,539</u> |

Further, there was expended, in 1953, \$1,267,195 on reconstruction of no. 3 grain jetty and grain galleries, Vancouver, and \$59,705 on reconstruction of shed 28, Quebec. The expenditures on these projects, which were undertaken to replace structures destroyed by fire, are carried in suspense account until completion. Their cost will be met from moneys available from insurance, replacement and other surplus funds.

Current rate of interest on advances to the Board by the Government, on the deposit of certificates of indebtedness, is  $3\frac{3}{4}\%$  per annum.

The book value of fixed assets as at December 31, 1953, was \$236,163,320.

Capital works are referred to in detail in the data submitted for each harbour.

## FINANCE

The following statement sets out the various amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1953 and also the amounts paid to the Treasury from Board funds:

|  |                     |
|--|---------------------|
| <i>Amounts Required from Government—</i> |                     |
| Capital expenditures, 1953.....          | \$ 5,764,819        |
| <i>Amounts Paid to Government—</i>       |                     |
| Interest on Advances.....                | 4,244,537           |
| <i>Surplus earnings (1952)—</i>          |                     |
| Prescott Elevator.....                   | \$ 270,915          |
| Port Colborne Elevator.....              | 365,786             |
|  | 636,701             |
| Repayment of advances.....               | 2,353,270           |
|  | <u>\$ 7,234,508</u> |

## RESERVE FUNDS

As at December 31, 1953, reserve funds for replacement of physical assets and for insurance and workmen's compensation amounted to \$38,891,187, the accretion in the year to these funds being \$3,805,066.

The reserves consist of cash on deposit with the Receiver General, \$1,400,020, and investments in authorized securities, book value \$37,234,917 (market value \$35,678,476) and accrued interest \$256,250.

The amount of the Board's pension fund at the close of the year was \$5,534,308 on deposit with the Receiver General. In addition, miscellaneous funds, including provision for special maintenance, were held in the amount of \$660,049, represented by cash on deposit with the Receiver General, \$58,882, and authorized investments, book value \$597,221 (market value \$580,167) and accrued interest \$3,946.

As provided by Section 31 of The National Harbours Board Act, separate accounts have been kept for each harbour or property and the revenues of each have been assigned exclusively for its own purposes.

Consolidated income statement and balance sheet, together with similar statements for each harbour and the elevators at Prescott and Port Colborne, as well as Head Office, supplemented by shipping and traffic statistics and information respecting work carried on during the year, are appended to this report.

The Auditor General of Canada has carried on a continuous audit of the accounts.

Respectfully submitted,

R. K. SMITH,  
*Chairman.*

M. ARCHER,  
*Vice-Chairman.*

B. J. ROBERTS.

C. P. BUCKLEY,  
*Secretary.*

## NATIONAL HARBOURS BOARD

## CONSOLIDATED INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |                             |                 |
|--------------------|-----------------------------|-----------------|
| Harbour Dues.....  | \$ 355,116 79               |                 |
| Cargo Rates.....   | 514,382 50                  |                 |
| Miscellaneous..... | 1,162,178 29                |                 |
|                    | <u>                    </u> | \$ 2,031,677 58 |

## Wharves and Piers—

|                    |                             |              |
|--------------------|-----------------------------|--------------|
| Top Wharfage.....  | 4,047,195 49                |              |
| Dockage.....       | 1,389,337 61                |              |
| Miscellaneous..... | 564,497 47                  |              |
|                    | <u>                    </u> | 6,001,030 57 |

## Permanent Sheds—

|                    |                             |              |
|--------------------|-----------------------------|--------------|
| Shed Rentals.....  | 666,327 88                  |              |
| Storage.....       | 230,993 46                  |              |
| Miscellaneous..... | 155,158 09                  |              |
|                    | <u>                    </u> | 1,052,479 43 |

|                  |           |  |
|------------------|-----------|--|
| Shed Hoists..... | 48,240 00 |  |
|------------------|-----------|--|

|                     |              |  |
|---------------------|--------------|--|
| Railway System..... | 1,053,681 03 |  |
|---------------------|--------------|--|

## Grain Elevator System—

|                    |                             |              |
|--------------------|-----------------------------|--------------|
| Elevation.....     | 4,530,780 12                |              |
| Storage.....       | 1,631,760 16                |              |
| Rentals.....       | 374,008 94                  |              |
| Miscellaneous..... | 480,475 90                  |              |
|                    | <u>                    </u> | 7,017,025 12 |

## Cold Storage System—

|                    |                             |              |
|--------------------|-----------------------------|--------------|
| Storage.....       | 835,569 91                  |              |
| Miscellaneous..... | 276,278 06                  |              |
|                    | <u>                    </u> | 1,111,847 97 |

## Miscellaneous Services—

|                |            |  |
|----------------|------------|--|
| Outsiders..... | 981,949 12 |  |
|----------------|------------|--|

## Bridge Tolls and Sundry

|               |                             |                 |
|---------------|-----------------------------|-----------------|
| Receipts..... | 1,734,087 22                |                 |
|               | <u>                    </u> | \$21,032,018 04 |

OPERATING REVENUES—TOTAL BROUGHT FORWARD.....\$21,032,018 04

OPERATING EXPENSES—

Administration.....\$ 1,252,223 62

Operation and Maintenance—

Harbour Dredging.....\$ 456,721 48

Harbour General.....1,809,359 45

Vehicular Bridges.....7,804 46

Roads, Fences and Boundaries.....91,411 99

Sewers and Drains.....11,464 96

Wharves and Piers.....549,967 52

Permanent Sheds.....898,179 21

Shed Hoists.....46,790 75

Railway System.....824,284 07

Grain Elevator System.....3,881,642 84

Cold Storage System.....831,776 93

Miscellaneous Services—Outsiders.....866,657 60

Bridges.....174,963 47

10,451,024 73

11,703,248 35

Operating Income.....9,328,769 69

INCOME RECEIVED FROM INVESTMENTS AND RESERVE FUNDS.....1,180,237 52

MISCELLANEOUS INCOME CREDITS.....96,974 02

1,277,211 54

Total Income.....10,605,981 23

MISCELLANEOUS DEDUCTIONS FROM INCOME—

Income received from Reserve Funds transferred to Reserves.....131,741 87

Reserve for Bad Debts.....5,448 97

Miscellaneous Income Charges.....134,599 38

Bond Redemption Expenses and Premium on U. S. Funds.....61,333 66

333,123 88

Income available for Interest due Public.....10,272,857 35

INTEREST ON DEBT TO THE PUBLIC.....174 78

10,272,682 57

OTHER INCOME REQUIREMENTS—

Reserve for Replacements.....2,476,103 00

Interest due Government.....5,390,065 48

7,866,168 48

Net Income Surplus.....\$ 2,406,514 09



## NATIONAL HARBOURS BOARD

## CONSOLIDATED BALANCE SHEET AS

## ASSETS

## CURRENT—

|  |                 |                        |
|--|-----------------|------------------------|
| Cash-Receiver General and on hand..... | \$ 2,788,052 59 |                        |
| Accounts Receivable.....               | 3,630,984 93    |                        |
| Stores on hand.....                    | 832,351 66      |                        |
| Accrued Revenue.....                   | 617,843 64      |                        |
| Other Assets.....                      | 49,294 48       |                        |
|  |                 | <u>\$ 7,918,527 30</u> |

## RESERVE FUNDS—

|  |               |                      |
|--|---------------|----------------------|
| Replacement Fund.....                    | 35,843,798 02 |                      |
| Fire and General Insurance Fund.....     | 2,245,053 08  |                      |
| General Workmen's Compensation Fund..... | 802,336 05    |                      |
| N.H.B. Pension Fund.....                 | 5,534,307 97  |                      |
| Miscellaneous Funds.....                 | 660,049 37    |                      |
|  |               | <u>45,085,544 49</u> |

INVESTMENTS..... 556,758 23

PREPAID EXPENSES..... 23,756 82

CAPITAL SUSPENSE ACCOUNTS..... 1,754,402 99

BOND DISCOUNT AND REDEMPTION SUSPENSE ACCOUNT (BRIDGE—MONTREAL)..... 971,116 96

CONTRACTORS' SECURITY DEPOSITS..... 1,209,226 29

## FIXED—

|  |               |                          |
|--|---------------|--------------------------|
| Harbour Dredging.....                          | 12,199,603 53 |                          |
| Real Estate.....                               | 12,387,040 06 |                          |
| Vehicular Bridges.....                         | 201,976 12    |                          |
| Roads, Fences and Boundaries.....              | 2,020,710 21  |                          |
| Sewers and Drains.....                         | 830,430 31    |                          |
| Miscellaneous Structures.....                  | 734,221 94    |                          |
| Wharves and Piers.....                         | 91,941,026 09 |                          |
| Permanent Sheds.....                           | 24,061,430 73 |                          |
| Shed Hoists and Electric Cranes.....           | 315,314 24    |                          |
| Railway System.....                            | 6,423,468 63  |                          |
| Grain Elevator System.....                     | 41,778,428 55 |                          |
| Cold Storage System.....                       | 5,936,206 81  |                          |
| Office Furniture and Appliances.....           | 210,222 94    |                          |
| Harbour Buildings.....                         | 1,766,280 25  |                          |
| Central Heating Plants.....                    | 128,072 99    |                          |
| Harbour Shops.....                             | 270,335 79    |                          |
| Electric Power System.....                     | 1,271,590 42  |                          |
| Water Supply System.....                       | 978,867 17    |                          |
| Floating Equipment.....                        | 2,210,960 55  |                          |
| Shore Equipment.....                           | 986,557 16    |                          |
| Miscellaneous Small Plant.....                 | 614,341 16    |                          |
| Engineering—General Surveys.....               | 109,441 06    |                          |
| Works under Construction.....                  | 6,449,188 31  |                          |
| Sundry Expenditure—Undistributed.....          | 3,769,450 26  |                          |
| Bridge Construction and Right-of-way, etc..... | 18,568,154 97 |                          |
|  |               | <u>236,163,320 25</u>    |
|  |               | <u>\$ 293,682,653 33</u> |

## NATIONAL HARBOURS BOARD

AT DECEMBER 31, 1953

## LIABILITIES AND PROPRIETARY EQUITY

## LIABILITIES

## CURRENT—

|                                    |                   |                 |
|------------------------------------|-------------------|-----------------|
| Accounts Payable.....              | \$ 1,260,969 98   |                 |
| Salaries and Wages Payable.....    | 172,415 14        |                 |
| Accrued Interest due Public.....   | 794 75            |                 |
| Matured Debentures due Public..... | 4,500 00          |                 |
| Other Current Liabilities.....     | 1,119 02          |                 |
|                                    | <u>          </u> | \$ 1,439,798 89 |

|  |               |
|--|---------------|
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 1,209,230 07  |
| CONTRACTORS' HOLDBACKS.....                | 721,820 15    |
| ACCOUNTS PAYABLE—CONSTRUCTION.....         | 882,882 60    |
| PROVISION FOR EMPLOYEES' PENSIONS.....     | 5,534,307 97  |
| PROVISION FOR WORKMEN'S COMPENSATION.....  | 802,336 05    |
| DEFERRED REVENUE.....                      | 363,789 64    |
| DEBENTURE INDEBTEDNESS TO PUBLIC.....      | 3,329 31      |
|  | <hr/>         |
|  | 10,957,494 68 |

## PROPRIETARY EQUITY

## GOVERNMENT OF CANADA—

## Loans and Advances—

|                           |                   |                |
|---------------------------|-------------------|----------------|
| Non-interest bearing..... | \$ 55,721,217 47  |                |
| Interest bearing.....     | 192,128,826 72    |                |
| Accrued Interest.....     | 35,344,007 82     |                |
|                           | <u>          </u> | 283,194,052 01 |

## Reserves for—

|                                 |               |                |
|---------------------------------|---------------|----------------|
| Replacement.....                | 60,506,743 16 |                |
| Fire and General Insurance..... | 2,208,605 60  |                |
| Miscellaneous Purposes.....     | 600,237 83    |                |
|                                 | <hr/>         | 63,315,586 59  |
|                                 |               | <hr/>          |
|                                 |               | 346,509,638 60 |

## Deficit—

|                                |                  |                      |
|--------------------------------|------------------|----------------------|
| As at January 1, 1953.....     | 66,141,196 79    |                      |
| Profit on 1953 Operations..... | 2,406,514 09     |                      |
| Adjustments during year.....   | <u>49,797 25</u> |                      |
|                                |                  | <u>63,784,479 95</u> |
|                                |                  | 282,725,158 65       |
|                                |                  | \$ 293,682,653 33    |

## HARBOUR OF HALIFAX

The Harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. Here, the National Harbours Board operates eight main piers and wharves having about 17,000 linear feet of berthing and being equipped with 17 transit sheds with an aggregate floor area of about 1,241,100 square feet. In addition, the Board operates a 2,200,000 bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour and a marine tower with an unloading capacity of 15,000 bushels per hour; also a cold storage terminal warehouse, with about 1,655,350 cubic feet of storage space, completely fitted with freezing, storing and packing equipment and ample rail connections.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 3,076                   | 5,614,067                    |
| 1952.....          | 3,122                   | 5,711,444                    |
| 1951.....          | 3,094                   | 5,231,021                    |
| 1950.....          | 3,012                   | 4,405,238                    |
| 1949.....          | 2,827                   | 4,305,605                    |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 3,063                   | 5,595,211                    |
| 1952.....          | 3,126                   | 5,724,235                    |
| 1951.....          | 3,087                   | 5,206,807                    |
| 1950.....          | 3,027                   | 4,481,166                    |
| 1949.....          | 2,788                   | 4,245,094                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,531                   | 5,427,187                    | 1,614                   | 5,528,132                    |
| Coastal or inland commercial (including fishery)..... | 1,497                   | 154,546                      | 1,466                   | 157,937                      |
| Other.....  | 48                      | 32,334                       | 42                      | 25,375                       |
| Total.....  | 3,076                   | 5,614,067                    | 3,122                   | 5,711,444                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,529                   | 5,409,171                    | 1,624                   | 5,540,757                    |
| Coastal or inland commercial (including fishery)..... | 1,487                   | 155,012                      | 1,461                   | 156,439                      |
| Other.....  | 47                      | 31,028                       | 41                      | 27,039                       |
| Total.....  | 3,063                   | 5,595,211                    | 3,126                   | 5,724,235                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1953.....        | 2,161,694 | 840,731   | 3,002,425 |
| 1952.....        | 2,171,826 | 823,863   | 2,995,689 |
| 1951.....        | 1,828,553 | 622,683   | 2,451,236 |
| 1950.....        | 1,898,306 | 562,867   | 2,461,173 |
| 1949.....        | 1,754,331 | 900,026   | 2,654,357 |
| <i>Domestic—</i> |           |           |           |
| 1953.....        | 329,701   | 1,070,590 | 1,400,291 |
| 1952.....        | 406,958   | 1,143,355 | 1,550,313 |
| 1951.....        | 467,713   | 959,326   | 1,427,039 |
| 1950.....        | 352,905   | 910,083   | 1,262,988 |
| 1949.....        | 255,567   | 656,331   | 911,898   |
| <i>Total—</i>    |           |           |           |
| 1953.....        | 2,491,395 | 1,911,321 | 4,402,716 |
| 1952.....        | 2,578,784 | 1,967,218 | 4,546,002 |
| 1951.....        | 2,296,266 | 1,582,009 | 3,878,275 |
| 1950.....        | 2,251,211 | 1,472,950 | 3,724,161 |
| 1949.....        | 2,009,898 | 1,556,357 | 3,566,255 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1953   | Outward<br>1953  | Total<br>1953    | Total<br>1952    |
|--|------------------|------------------|------------------|------------------|
|  | (Tons)           | (Tons)           | (Tons)           | (Tons)           |
| Petroleum Oil, crude.....  | 1,246,583        | .....            | 1,246,583        | 1,331,903        |
| Petroleum Oil, fuel.....   | 390,875          | 650,333          | 1,041,208        | 1,101,802        |
| Gasoline.....  | 363,122          | 281,257          | 644,379          | 587,682          |
| Grain.....   | 246              | 425,163          | 425,409          | 320,535          |
| Flour, wheat.....  | 6                | 130,397          | 130,403          | 104,379          |
| Coal, bituminous.....  | 117,561          | .....            | 117,561          | 162,100          |
| Fish (including Shell-fish), dried, pickled, salted or smoked..... | 38,475           | 52,806           | 91,281           | 89,118           |
| Lumber (Planks, Boards and Flooring) and Square Timber.....        | 401              | 49,591           | 49,992           | 76,030           |
| Rubber, crude (including Latex).....                               | 40,941           | 1,819            | 42,760           | 41,418           |
| Coal, anthracite.....  | 33,651           | 172              | 33,823           | 41,506           |
| Cement, common or portland.....                                    | 29,161           | 464              | 29,625           | 42,456           |
| Potatoes.....  | .....            | 29,377           | 29,377           | 17,413           |
| Motor Vehicles and Parts.....                                      | 21,603           | 6,830            | 28,433           | 24,097           |
| Fish (including Shell-fish), fresh or frozen.....                  | 27,904           | 42               | 27,946           | 34,223           |
| Copper Concentrates, Matte and Ore.....                            | .....            | 23,175           | 23,175           | 21,723           |
| Oil Cake and Oil-cake Meal.....                                    | .....            | 20,918           | 20,918           | 1,683            |
| Kerosene.....  | 8,174            | 8,916            | 17,090           | 32,610           |
| Fertilizers and Fertilizer Materials.....                          | 12,772           | 3,788            | 16,560           | 10,457           |
| Vegetable Oils.....  | 13,007           | 683              | 13,690           | 1,794            |
| Asbestos and Asbestos Manufactures.....                            | 59               | 12,124           | 12,183           | 18,071           |
| Tea.....   | 11,646           | 328              | 11,974           | 11,793           |
| Paper, newsprint.....  | .....            | 10,443           | 10,443           | 16,809           |
| All Goods not otherwise specified.....                             | 135,208          | 202,695          | 337,903          | 456,400          |
| <b>Total.....</b>  | <b>2,491,395</b> | <b>1,911,321</b> | <b>4,402,716</b> | <b>4,546,002</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1953.....         | 65,870 | 7,422    | 73,292  |
| 1952.....         | 80,014 | 6,758    | 86,772  |
| 1951.....         | 98,460 | 4,874    | 103,334 |
| 1950.....         | 37,857 | 3,567    | 41,424  |
| 1949.....         | 60,351 | 13,937   | 74,288  |
| <i>Coastwise—</i> |        |          |         |
| 1953.....         | 177    | 298      | 475     |
| 1952.....         | 22     | 39       | 61      |
| 1951.....         | 189    | 159      | 348     |
| 1950.....         | 244    | 266      | 510     |
| 1949.....         | 632    | 560      | 1,192   |
| <i>Total—</i>     |        |          |         |
| 1953.....         | 66,047 | 7,720    | 73,767  |
| 1952.....         | 80,036 | 6,797    | 86,833  |
| 1951.....         | 98,649 | 5,033    | 103,682 |
| 1950.....         | 38,101 | 3,833    | 41,934  |
| 1949.....         | 60,983 | 14,497   | 75,480  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953.....         | 8,798      | 13,823,627 | 13,832,425 |
| 1952.....         | 74,683     | 10,172,923 | 10,247,606 |
| 1951.....         |            | 5,591,205  | 5,591,205  |
| 1950.....         |            | 6,497,777  | 6,497,777  |
| 1949.....         |            | 9,335,862  | 9,335,862  |
| <i>Via rail—</i>  |            |            |            |
| 1953.....         | 14,597,743 |            | 14,597,743 |
| 1952.....         | 10,604,555 |            | 10,604,555 |
| 1951.....         | 6,210,547  |            | 6,210,547  |
| 1950.....         | 5,009,257  |            | 5,009,257  |
| 1949.....         | 9,987,343  | 2,000      | 9,989,343  |
| <i>Via other—</i> |            |            |            |
| 1953.....         |            | 36,394     | 36,394     |
| 1952.....         |            | 27,333     | 27,333     |
| 1951.....         |            | 363,927    | 363,927    |
| 1950.....         |            | 32,408     | 32,408     |
| 1949.....         |            | 43,044     | 43,044     |
| <i>Total—</i>     |            |            |            |
| 1953.....         | 14,606,541 | 13,860,021 | 28,466,562 |
| 1952.....         | 10,679,238 | 10,200,256 | 20,879,494 |
| 1951.....         | 6,210,547  | 5,955,132  | 12,165,679 |
| 1950.....         | 5,009,257  | 6,530,185  | 11,539,442 |
| 1949.....         | 9,987,343  | 9,380,906  | 19,368,249 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$284,414. The main items were repairs to the concrete cope walls at pier 9 and pier B; reconditioning concrete piles in the substructure of pier 2; repairs to the substructure of the cattle shed; painting shed No. 2 and a section of grain gallery No. 25; repairs and replacement of steel supporting members of the grain elevator work house and replacement of timber bents in grain gallery No. 3.

## CAPITAL WORKS

The expenditure on capital account amounted to \$882,145. The principal items were:—

*Construction of Grain Storage Addition.*—A contract was awarded to Atlas Construction Company Limited in May for the construction of a reinforced concrete storage addition to the grain elevator to provide an additional 1,916,000 bushels storage capacity. The work was 75 per cent completed.

*Reconstruction of Grain Gallery No. 1 and Tower A.*—Fundy Construction Company Limited was awarded a contract in August for the reconstruction in steel of wooden grain gallery No. 1 and tower A. Due to poor delivery of steel, the commencement of the work was postponed until the spring of 1954.

*Construction of Stevedores' Canteen and Restroom.*—Erection of a stevedores' canteen and restroom, 60 feet by 25 feet, of brick construction, was begun late in the year under a contract awarded to Butler Brothers Limited in October. The work was 60 per cent finished.

*Installation of New Steel Doors, Shed 21.*—In September a contract was awarded to Westeel Products Limited for the supply and installation of twelve steel turnover doors on the dock side of shed 21. Due to delays in the fabrication of the doors, the installation was deferred until the spring of 1954.

*Enlargement of Cold Storage Warehouse.*—A contract was awarded in November to Fundy Construction Company Limited for the construction of a one-storey addition to the cold storage plant, 80 feet by 90 feet, of reinforced concrete construction. About 12 per cent of the work was done during the year.

*Minor Items.*—These included the replacement of the police office at pier 9; laying a water main for fire protection at the grain elevator; purchase of a concrete mixer; painting sheds 3N and 3S; construction of wire crib enclosures in sheds 3N and 3S; the purchase of equipment for a new inter-communication system for the grain elevator; and preliminary work on the proposed raising of the lower apron at the quay wall to shed floor level.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,671,954, as compared with \$1,606,576 in 1952, the increase being \$65,378. Operating and maintenance expenses decreased by \$26,664, being \$1,224,866 in 1953, as against \$1,251,530 in the previous year.

After taking into account miscellaneous income credits and debits and charging interest due the Government and reserve for replacements, the year's operations resulted in a net income deficit of \$233,649, as compared with a deficit of \$312,570 in 1952.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |                   |              |
|--------------------|-------------------|--------------|
| Harbour Dues.....  | \$ 46,673 23      |              |
| Miscellaneous..... | 7,569 17          |              |
|                    | <u>          </u> | \$ 54,242 40 |

## Wharves and Piers—

|                    |                   |            |
|--------------------|-------------------|------------|
| Top Wharfage.....  | 384,395 14        |            |
| Dockage.....       | 140,475 43        |            |
| Miscellaneous..... | 40,224 60         |            |
|                    | <u>          </u> | 565,095 17 |

## Permanent Sheds—

|                    |                   |            |
|--------------------|-------------------|------------|
| Shed Rentals.....  | 168,994 85        |            |
| Storage.....       | 53,676 71         |            |
| Miscellaneous..... | 34,705 42         |            |
|                    | <u>          </u> | 257,376 98 |

## Grain Elevator System—

|                    |                   |            |
|--------------------|-------------------|------------|
| Elevation.....     | 221,750 77        |            |
| Storage.....       | 156,894 16        |            |
| Miscellaneous..... | 6,498 00          |            |
|                    | <u>          </u> | 385,142 93 |

## Cold Storage System—

|                    |                   |            |
|--------------------|-------------------|------------|
| Storage.....       | 237,285 51        |            |
| Miscellaneous..... | 120,935 55        |            |
|                    | <u>          </u> | 358,221 06 |

## Miscellaneous Services—

|                |                   |                 |
|----------------|-------------------|-----------------|
| Outsiders..... | 51,875 38         |                 |
|                | <u>          </u> | \$ 1,671,953 92 |

## OPERATING EXPENSES—

|                     |            |  |
|---------------------|------------|--|
| Administration..... | 134,975 04 |  |
|---------------------|------------|--|

## Operation and Maintenance—

|                                       |                   |                                |
|---------------------------------------|-------------------|--------------------------------|
| Harbour General.....                  | 137,789 12        |                                |
| Roads, Fences and Boundaries.....     | 7,055 04          |                                |
| Sewers and Drains.....                | 1,978 54          |                                |
| Wharves and Piers.....                | 90,748 35         |                                |
| Permanent Sheds.....                  | 285,417 83        |                                |
| Grain Elevator System.....            | 226,175 06        |                                |
| Cold Storage System.....              | 299,587 01        |                                |
| Miscellaneous Services—Outsiders..... | 41,139 55         |                                |
|                                       | <u>          </u> | 1,089,890 50                   |
|                                       |                   | <u>          </u> 1,224,865 54 |

|                       |            |  |
|-----------------------|------------|--|
| Operating Income..... | 447,088 38 |  |
|-----------------------|------------|--|

|   |            |  |
|---|------------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 143,765 74 |  |
|---|------------|--|

|                                   |                   |            |
|-----------------------------------|-------------------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 3,283 40          |            |
|                                   | <u>          </u> | 147,049 14 |

|                   |            |  |
|-------------------|------------|--|
| Total Income..... | 594,137 52 |  |
|-------------------|------------|--|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |                   |                              |
|---|-------------------|------------------------------|
| Income received from Reserve Funds transferred to Reserves..... | 8,714 97          |                              |
| Reserve for Bad Debts.....                                      | 834 08            |                              |
| Miscellaneous Income Charges.....                               | 9,084 10          |                              |
|   | <u>          </u> | 18,633 15                    |
|   |                   | <u>          </u> 575,504 37 |

## OTHER INCOME REQUIREMENTS—

|                               |                   |            |
|-------------------------------|-------------------|------------|
| Reserve for Replacements..... | 345,792 51        |            |
| Interest due Government.....  | 463,361 22        |            |
|                               | <u>          </u> | 809,153 73 |

|                         |               |  |
|-------------------------|---------------|--|
| Net Income Deficit..... | \$ 233,649 36 |  |
|-------------------------|---------------|--|

# Harbour of Halifax

## BALANCE SHEET AS AT DECEMBER 31, 1953

## HARBOUR OF HALIFAX

21

### ASSETS

|  |                      |
|--|----------------------|
| <b>CURRENT—</b>  |                      |
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 131,377 84        |
| Accounts Receivable.....   | \$ 149,729 55        |
| Less—Reserve for Bad Debts....                                   | 1,888 31             |
| Stores on hand.....  | 147,841 24           |
| Accrued Revenue.....   | 80,815 05            |
|  | 152,023 09           |
| <b>CONTRACTORS' SECURITY DEPOSITS.....</b>                       | <b>\$ 512,057 23</b> |
|  | 152,800 73           |
| <b>RESERVE FUNDS—</b>  |                      |
| Replacement Fund.....  | 4,790,170 88         |
| Fire and General Insurance Fund.....                             | 212,576 72           |
| Miscellaneous Funds.....   | 5,197 50             |
|  | 5,007,945 10         |
| <b>PREPAID EXPENSES.....</b>                                     | <b>478 96</b>        |
| <b>CAPITAL SUSPENSE.....</b>                                     | <b>4,075 88</b>      |

### FIXED—

|                                      |               |
|--------------------------------------|---------------|
| Harbour Dredging.....                | 118,397 44    |
| Real Estate.....                     | 608,656 59    |
| Roads, Fences and Boundaries.....    | 206,483 39    |
| Sewers and Drains.....               | 177,089 42    |
| Miscellaneous Structures.....        | 13,825 00     |
| Wharves and Piers.....               | 17,229,398 20 |
| Permanent Sheds.....                 | 6,437,969 35  |
| Shed Hoists.....                     | 310 25        |
| Grain Elevator System.....           | 2,521,303 27  |
| Cold Storage System.....             | 2,005,502 82  |
| Office Furniture and Appliances..... | 36,169 13     |
| Harbour Buildings.....               | 290,502 24    |
| Central Heating Plants.....          | 57,077 49     |
| Harbour Shops.....                   | 6,859 21      |
| Electric Power System.....           | 31,704 93     |
| Water Supply System.....             | 174,254 62    |
| Floating Equipment.....              | 59,697 12     |
| Shore Equipment.....                 | 41,657 13     |
| Miscellaneous Small Plant.....       | 62,029 83     |
| Works under Construction.....        | 861,476 60    |
|                                      | 30,940,364 03 |

\$36,617,721 93

### LIABILITIES AND PROPRIETARY EQUITY

#### LIABILITIES

|   |                   |
|---|-------------------|
| <b>CURRENT—</b>                                   |                   |
| Accounts Payable.....                             | \$ 62,300 05      |
| Salaries and Wages Payable.....                   | 11,235 83         |
| Matured Debentures due Public.....                | 4,500 00          |
| Matured Interest due Public.....                  | 697 50            |
|   | 78,733 38         |
| <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.....</b> | <b>152,800 97</b> |
| <b>ACCOUNTS PAYABLE—CONSTRUCTION.....</b>         | <b>318,310 61</b> |
| <b>CONTRACTORS' HOLDBACKS—CONSTRUCTION.....</b>   | <b>80,110 30</b>  |
| <b>DEFERRED REVENUE.....</b>                      | <b>18,056 92</b>  |
|   | 648,012 18        |

#### GOVERNMENT OF CANADA—

#### PROPRIETARY EQUITY

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Loans and Advances—</b>        |                 |
| Non-interest bearing.....         | \$16,686,176 53 |
| Interest bearing.....             | 16,829,561 74   |
| Accrued Interest.....             | 2,830,673 93    |
|                                   | 36,346,412 20   |
| <b>Reserves for—</b>              |                 |
| Replacement.....                  | 7,612,164 90    |
| Fire and General Insurance..      | 212,576 72      |
|                                   | 7,824,741 62    |
|                                   | 44,171,153 82   |
| <b>Deficit—</b>                   |                 |
| As at Jan. 1, 1953.....           | 7,996,391 19    |
| Loss on 1953 Operations.....      | 233,649 36      |
|                                   | 8,230,040 55    |
| Less adjustments during 1953..... | 28,596 48       |
|                                   | 8,201,444 07    |
|                                   | 35,969,709 75   |

\$36,617,721 93



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the North Shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. Here the Board operates 10 main wharves and piers having some 13,755 linear feet of berthing with available drafts alongside varying from 25 to 35 feet at extreme low water, and 16 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 836,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,500,000 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and 15-ton and 65-ton floating cranes are available.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 1,628                   | 2,735,542                    |
| 1952.....          | 1,834                   | 2,656,227                    |
| 1951.....          | 1,719                   | 2,395,124                    |
| 1950.....          | 1,606                   | 2,285,926                    |
| 1949.....          | 1,645                   | 2,337,215                    |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 1,623                   | 2,729,146                    |
| 1952.....          | 1,845                   | 2,674,359                    |
| 1951.....          | 1,713                   | 2,397,132                    |
| 1950.....          | 1,595                   | 2,252,988                    |
| 1949.....          | 1,652                   | 2,383,130                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 686                     | 2,038,841                    | 679                     | 1,926,026                    |
| Coastal or inland commercial (including fishery)..... | 918                     | 691,354                      | 1,125                   | 724,497                      |
| Other.....  | 24                      | 5,347                        | 30                      | 5,704                        |
| Total.....  | 1,628                   | 2,735,542                    | 1,834                   | 2,656,227                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 679                     | 2,031,553                    | 690                     | 1,944,986                    |
| Coastal or inland commercial (including fishery)..... | 920                     | 692,246                      | 1,125                   | 723,345                      |
| Other.....  | 24                      | 5,347                        | 30                      | 6,028                        |
| Total.....  | 1,623                   | 2,729,146                    | 1,845                   | 2,674,359                    |

(Exclusive of naval vessels)

# TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1953.....        | 652,257   | 1,353,711 | 2,005,968 |
| 1952.....        | 571,382   | 1,629,027 | 2,200,409 |
| 1951.....        | 659,244   | 1,217,162 | 1,876,406 |
| 1950.....        | 713,918   | 928,617   | 1,642,535 |
| 1949.....        | 605,087   | 1,363,558 | 1,968,645 |
| <i>Domestic—</i> |           |           |           |
| 1953.....        | 347,677   | 121,213   | 468,890   |
| 1952.....        | 378,281   | 117,701   | 495,982   |
| 1951.....        | 369,485   | 111,674   | 481,159   |
| 1950.....        | 335,155   | 93,610    | 428,765   |
| 1949.....        | 347,762   | 99,488    | 447,250   |
| <i>Total—</i>    |           |           |           |
| 1953.....        | 999,934   | 1,474,924 | 2,474,858 |
| 1952.....        | 949,663   | 1,746,728 | 2,696,391 |
| 1951.....        | 1,028,729 | 1,328,836 | 2,357,565 |
| 1950.....        | 1,049,073 | 1,022,227 | 2,071,300 |
| 1949.....        | 952,849   | 1,463,046 | 2,415,895 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1953 | Outward<br>1953 | Total<br>1953 | Total<br>1952 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  | 638,616        | 638,616         | 638,616       | 452,043       |
| Petroleum Oil, fuel.....  | 258,215        | 7,072           | 265,287       | 273,521       |
| Sugar, raw.....   | 185,055        |                 | 185,055       | 176,811       |
| Flour, wheat.....   |                | 147,144         | 147,144       | 208,271       |
| Gasoline.....   | 132,895        | 10,261          | 143,156       | 140,351       |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....  | 9,078          | 84,262          | 93,340        | 88,755        |
| Fertilizers and Fertilizer Materials.....   | 76,389         | 859             | 77,248        | 75,941        |
| Paper, newsprint.....   |                | 69,307          | 69,307        | 84,688        |
| Potatoes.....   |                | 55,972          | 55,972        | 30,285        |
| Motor Vehicles and Parts.....   | 33,620         | 17,812          | 51,432        | 44,202        |
| Pulpwood.....   |                | 39,550          | 39,550        | 140,127       |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....                                     | 77             | 38,620          | 38,697        | 183,685       |
| Aluminum in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs.....                                    | 826            | 36,092          | 36,918        | 59,255        |
| Wood-pulp.....  | 2              | 31,649          | 31,651        | 88,579        |
| Asbestos and Asbestos Manufactures.....   | 875            | 29,843          | 30,718        | 46,024        |
| Flax.....   | 32             | 22,275          | 22,307        | 13,789        |
| Ferro-alloys.....   |                | 20,000          | 20,000        | 22,897        |
| Glass and Glass Manufactures.....   | 19,280         | 649             | 19,929        | 11,133        |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....                                       |                | 17,187          | 17,187        | 15,854        |
| Machinery and Parts (except agricultural).....  | 13,372         | 3,534           | 16,906        | 17,562        |
| Iron or Steel, Band, Bars not otherwise specified, Hoop,<br>Plates, Rods, Sheets, Skelp, Strip and Tin Plate..... | 13,968         | 1,280           | 15,248        | 38,795        |
| Tea.....  | 13,208         | 419             | 13,627        | 11,628        |
| Coal, anthracite.....   | 12,528         | 47              | 12,575        | 20,256        |
| Food-stuffs, canned or preserved, not otherwise speci-<br>fied.....   | 8,641          | 2,986           | 11,627        | 4,956         |
| Chemicals not otherwise specified.....  | 7,205          | 4,268           | 11,473        | 5,251         |
| Cotton Manufactures not otherwise specified.....  | 10,436         | 722             | 11,158        | 6,079         |
| Beverages, alcoholic.....   | 8,851          | 1,621           | 10,472        | 10,319        |
| Jute and Jute Manufactures.....   | 9,890          | 459             | 10,349        | 5,157         |
| All Goods not otherwise specified.....  | 185,491        | 192,418         | 377,909       | 420,177       |
| Total.....  | 999,934        | 1,474,924       | 2,474,858     | 2,696,391     |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1953.....         | 6,738  | 3,261    | 9,999   |
| 1952.....         | 7,466  | 2,634    | 10,100  |
| 1951.....         | 8,538  | 2,544    | 11,082  |
| 1950.....         | 2,795  | 3,190    | 5,985   |
| 1949.....         | 862    | 3,763    | 4,625   |
| <i>Coastwise—</i> |        |          |         |
| 1953.....         | 57,995 | 56,589   | 114,584 |
| 1952.....         | 58,529 | 60,755   | 119,284 |
| 1951.....         | 55,154 | 52,117   | 107,271 |
| 1950.....         | 35,836 | 34,407   | 70,243  |
| 1949.....         | 51,481 | 49,021   | 100,502 |
| <i>Total—</i>     |        |          |         |
| 1953.....         | 64,733 | 59,850   | 124,583 |
| 1952.....         | 65,995 | 63,389   | 129,384 |
| 1951.....         | 63,692 | 54,661   | 118,353 |
| 1950.....         | 38,631 | 37,597   | 76,228  |
| 1949.....         | 52,343 | 52,784   | 105,127 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953.....         |            | 22,396,708 | 22,396,708 |
| 1952.....         |            | 15,905,880 | 15,905,880 |
| 1951.....         |            | 11,888,939 | 11,888,939 |
| 1950.....         |            | 10,613,783 | 10,613,783 |
| 1949.....         |            | 14,024,281 | 14,024,281 |
| <i>Via rail—</i>  |            |            |            |
| 1953.....         | 22,615,248 | 31,112     | 22,646,360 |
| 1952.....         | 16,103,581 | 5,328      | 16,108,909 |
| 1951.....         | 12,789,414 | 566,221    | 13,355,635 |
| 1950.....         | 10,993,806 | 330,229    | 11,324,035 |
| 1949.....         | 14,634,883 | 295,385    | 14,930,268 |
| <i>Via other—</i> |            |            |            |
| 1953.....         |            | 762        | 762        |
| 1952.....         |            | 1,508      | 1,508      |
| 1951.....         |            |            |            |
| 1950.....         |            |            |            |
| 1949.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1953.....         | 22,615,248 | 22,428,582 | 45,043,830 |
| 1952.....         | 16,103,581 | 15,912,716 | 32,016,297 |
| 1951.....         | 12,789,414 | 12,455,160 | 25,244,574 |
| 1950.....         | 10,993,806 | 10,944,012 | 21,937,818 |
| 1949.....         | 14,634,883 | 14,319,666 | 28,954,549 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$293,610. The principal items were the dredging of berths 1, 2, 3 and 4 and their slips to a minimum depth of 30 feet, and the slip between berths 7 and 8 to a minimum depth of 28 feet at extreme low tide; refacing concrete wharf walls at berth 13 and the inner bulkhead south of berth 14; repairs to the timber trestle supporting railway track at the rear of sheds 5 and 6; repairs to rock filled timber crib retaining wall south of berth 14; placing protecting timber along roof gutter of sheds 9 and 10, and replacing damaged corrugated siding; painting interior structural steel of sheds 9, 10 and 11; repairs to roofs of sheds 5, 7 and 12; painting corrugated siding of shore galleries 101, 102, S and S-s; painting supporting structural steel of shore galleries 107, 108 and 109 and the supporting structural steel of the grain elevator shipping house.

## CAPITAL WORKS

Capital expenditure amounted to \$2,670,908, of which \$134,500 was provided from replacement fund. The work consisted of:—

*Construction of Pugsley Wharf Extension.*—Work on the replacement of the old wooden wharves at the south end of Pugsley terminal with an 875 foot reinforced concrete crib and cope wall structure, filled and backfilled with gravel, was carried on under a contract awarded to Standard Dredging Co. Ltd. in 1952. The work was about 85 per cent completed.

*Construction of Extension to Berths 2 and 3.*—A contract was awarded in March 1953 to Standard Dredging Co. Ltd. for a 330-foot extension to existing berths 2 and 3. The extension is of reinforced concrete crib and cope wall design, filled and backfilled with gravel. The site was excavated, prepared and the concrete cribs were built and placed, amounting to about 55 per cent of the work.

*Minor Items.*—These included painting the exterior surfaces of the galvanized, corrugated siding of Pugsley shed and grain gallery and the installation of additional lighting in the grain elevator and car dumper.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$864,760, as compared with \$906,517 in 1952, the decrease being \$41,757. Operating and maintenance expenses totalled \$697,702, as against \$661,185 in the previous year, the increase being \$36,517.

After taking into account miscellaneous income credits and debits, and charging reserve for replacements and interest due the Government, there was a net income deficit of \$659,597 in 1953, as against a deficit of \$598,869 in 1952.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |              |           |
|--------------------|--------------|-----------|
| Harbour Dues.....  | \$ 22,754 21 |           |
| Miscellaneous..... | 23,103 10    |           |
|                    | <u>\$</u>    | 45,857 31 |

## Wharves and Piers—

|                   |            |            |
|-------------------|------------|------------|
| Top Wharfage..... | 432,740 83 |            |
| Dockage.....      | 154,455 69 |            |
|                   | <u></u>    | 587,196 52 |

## Permanent Sheds—

|                    |           |           |
|--------------------|-----------|-----------|
| Shed Rentals.....  | 14,100 80 |           |
| Storage.....       | 40,081 59 |           |
| Miscellaneous..... | 3,310 97  |           |
|                    | <u></u>   | 57,493 36 |

|                     |  |        |
|---------------------|--|--------|
| Railway System..... |  | 320 00 |
|---------------------|--|--------|

## Grain Elevator System—

|                                    |  |           |
|------------------------------------|--|-----------|
| Receipts from joint operation..... |  | 86,124 14 |
|------------------------------------|--|-----------|

|                                       |           |            |
|---------------------------------------|-----------|------------|
| Miscellaneous Services—Outsiders..... |           | 87,768 67  |
|                                       | <u>\$</u> | 864,760 00 |

## OPERATING EXPENSES—

|                     |  |           |
|---------------------|--|-----------|
| Administration..... |  | 74,485 64 |
|---------------------|--|-----------|

## Operation and Maintenance

|                                       |            |                   |
|---------------------------------------|------------|-------------------|
| Harbour Dredging.....                 | 155,528 49 |                   |
| Harbour General.....                  | 137,730 88 |                   |
| Vehicular Bridges.....                | 1,596 95   |                   |
| Roads, Fences and Boundaries.....     | 4,825 55   |                   |
| Sewers and Drains.....                | 568 59     |                   |
| Wharves and Piers.....                | 75,125 67  |                   |
| Permanent Sheds.....                  | 138,520 12 |                   |
| Grain Elevator System.....            | 15,367 98  |                   |
| Miscellaneous Services—Outsiders..... | 93,951 72  |                   |
|                                       | <u></u>    | 623,215 95        |
|                                       |            | <u>697,701 59</u> |

|                       |  |            |
|-----------------------|--|------------|
| Operating Income..... |  | 167,058 41 |
|-----------------------|--|------------|

|   |            |  |
|---|------------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 133,021 89 |  |
|---|------------|--|

|                                   |          |            |
|-----------------------------------|----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 1,743 02 |            |
|                                   | <u></u>  | 134,764 91 |

|                   |  |            |
|-------------------|--|------------|
| Total Income..... |  | 301,823 32 |
|-------------------|--|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |          |
|---|----------|----------|
| Income received from Reserve Funds transferred to Reserves..... | 8,588 92 |          |
| Reserve for Bad Debts.....                                      | 150 00   |          |
| Miscellaneous Income Charges.....                               | 249 65   |          |
|   | <u></u>  | 8,988 57 |

|   |  |            |
|---|--|------------|
| Income available for interest due Public..... |  | 292,834 75 |
|---|--|------------|

|                                     |  |                   |
|-------------------------------------|--|-------------------|
| INTEREST ON DEBT TO THE PUBLIC..... |  | 174 78            |
|                                     |  | <u>292,659 97</u> |

## OTHER INCOME REQUIREMENTS

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 337,558 82 |            |
| Interest due Government.....  | 614,698 37 |            |
|                               | <u></u>    | 952,257 19 |

|                                 |           |                   |
|---------------------------------|-----------|-------------------|
| Net Income <i>Deficit</i> ..... | <u>\$</u> | <u>659,597 22</u> |
|---------------------------------|-----------|-------------------|

# Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1953

### ASSETS

|   |                  |
|---|------------------|
| CURRENT—  |                  |
| Cash, on hand and on deposit with Receiver General of Canada..... | \$ 96,244 80     |
| Accounts Receivable.....  | \$ 84,478 92     |
| Less—Reserve for Bad Debts.....                                   | 294 14           |
| Stores on Hand.....   | 84,184 78        |
| Accrued Revenue.....  | 29,534 76        |
|   | <u>80,143 79</u> |
|   | \$ 290,108 13    |

### CONTRACTORS' SECURITY DEPOSITS.....

### RESERVE FUNDS—

|                                      |                   |
|--------------------------------------|-------------------|
| Replacement Fund.....                | 4,235,248 35      |
| Fire and General Insurance Fund..... | <u>229,340 40</u> |
|                                      | 4,464,588 75      |

### PREPAID EXPENSES.....

|                       |          |
|-----------------------|----------|
|                       | 151 58   |
| CAPITAL SUSPENSE..... | 3,517 95 |

### FIXED—

|                                      |                     |
|--------------------------------------|---------------------|
| Harbour Dredging.....                | 1,229,568 10        |
| Real Estate.....                     | 2,032,249 20        |
| Vehicular Bridges.....               | 30,107 37           |
| Roads, Fences and Boundaries.....    | 150,969 66          |
| Wharves and Piers.....               | 16,308,875 77       |
| Permanent Sheds.....                 | 3,659,013 78        |
| Railway System.....                  | 192,660 57          |
| Grain Elevator System.....           | 4,213,951 97        |
| Office Furniture and Appliances..... | 18,635 03           |
| Harbour Buildings.....               | 66,903 67           |
| Central Heating Plants.....          | 44,901 54           |
| Water Supply System.....             | 14,315 67           |
| Floating Equipment.....              | 208,335 92          |
| Shore Equipment.....                 | 154,673 19          |
| Miscellaneous Small Plant.....       | 18,754 09           |
| Works under Construction.....        | <u>3,379,047 88</u> |
|                                      | 31,722,963 41       |

\$36,965,350 98

### LIABILITIES AND PROPRIETARY EQUITY

#### CURRENT—

|                                  |              |
|----------------------------------|--------------|
| Accounts Payable.....            | \$ 55,760 57 |
| Salaries and Wages Payable.....  | 2,075 53     |
| Accrued Interest due Public..... | <u>97 25</u> |
|                                  | 57,933 35    |

#### DEBTURE INDEBTEDNESS TO PUBLIC.....

|  |                     |
|--|---------------------|
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 3,329 31            |
| ACCOUNTS PAYABLE—CONSTRUCTION.....         | 484,021 16          |
| CONTRACTORS' HOLDBACKS.....                | 195,366 69          |
| DEFERRED REVENUE.....                      | <u>345,091 57</u>   |
|  | 3,805 07            |
|  | <u>1,089,547 15</u> |

#### PROPRIETARY EQUITY

#### GOVERNMENT OF CANADA—

|                           |                     |
|---------------------------|---------------------|
| Loans and Advances—       |                     |
| Non-interest bearing..... | \$ 6,961,410 28     |
| Interest bearing.....     | 24,017,367 91       |
| Accrued Interest.....     | <u>6,849,277 56</u> |
|                           | 37,828,055 75       |

#### Reserves for—

|                                 |                   |
|---------------------------------|-------------------|
| Replacement.....                | 7,096,874 72      |
| Fire and General Insurance..... | <u>229,340 40</u> |
|                                 | 7,326,215 12      |

#### Deficit—

|                              |                   |
|------------------------------|-------------------|
| As at January 1, 1953.....   | 8,649,581 25      |
| Loss on 1953 operations..... | <u>659,597 22</u> |
|                              | 9,309,178 47      |

#### Less Adjustments during 1953

|  |                  |
|--|------------------|
|  | <u>30,711 43</u> |
|  | 9,278,467 04     |

\$36,965,350 98

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the Board include 2,500 linear feet of wharf accommodating ships of 26 feet draft, a concrete fireproof shed, 400 feet by 60 feet, a frame shed, 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

## SHIPPING

## VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 195                     | 153,992                      |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 194                     | 153,977                      |
| 1951.....          | 227                     | 156,539                      |
| 1950.....          | 207                     | 126,879                      |
| 1949.....          | 198                     | 131,023                      |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 29                      | 48,711                       | 40                      | 63,448                       |
| Coastal or inland commercial (including fishery)..... | 203                     | 117,526                      | 142                     | 89,884                       |
| Other.....  | 6                       | 295                          | 13                      | 660                          |
| Total.....  | 238                     | 166,532                      | 195                     | 153,992                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 29                      | 48,711                       | 40                      | 63,448                       |
| Coastal or inland commercial (including fishery)..... | 203                     | 117,526                      | 142                     | 89,884                       |
| Other.....  | 6                       | 295                          | 12                      | 645                          |
| Total.....  | 238                     | 166,532                      | 194                     | 153,977                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1953.....        | 32,761  | 3,625   | 36,386  |
| 1952.....        | 27,070  |         | 27,070  |
| 1951.....        | 27,095  |         | 27,095  |
| 1950.....        | 34,981  |         | 34,981  |
| 1949.....        | 23,236  |         | 23,236  |
| <i>Domestic—</i> |         |         |         |
| 1953.....        | 238,763 | 6,012   | 244,775 |
| 1952.....        | 250,280 | 3,350   | 253,630 |
| 1951.....        | 233,015 | 7,155   | 240,170 |
| 1950.....        | 159,827 | 6,526   | 166,353 |
| 1949.....        | 128,401 | 3,953   | 132,354 |
| <i>Total—</i>    |         |         |         |
| 1953.....        | 271,524 | 9,637   | 281,161 |
| 1952.....        | 277,350 | 3,350   | 280,700 |
| 1951.....        | 260,110 | 7,155   | 267,265 |
| 1950.....        | 194,808 | 6,526   | 201,334 |
| 1949.....        | 151,637 | 3,953   | 155,590 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1953 | Outward<br>1953 | Total<br>1953 | Total<br>1952 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Coal, bituminous.....  | 133,063        |                 | 133,063       | 167,287       |
| Gasoline.....  | 77,211         |                 | 77,211        | 54,736        |
| Petroleum Oil, fuel.....                                       | 38,460         |                 | 38,460        | 38,261        |
| Coal, anthracite.....  | 10,145         |                 | 10,145        | 9,859         |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber..... | 605            | 4,408           | 5,013         | 3,348         |
| Iron or Steel, scrap.....                                      |                | 3,558           | 3,558         |               |
| Potatoes.....  | 1,195          |                 | 1,195         | 424           |
| Pulpwood.....  |                | 968             | 968           |               |
| Wallboard.....   | 964            |                 | 964           |               |
| Feed, animal or poultry, not otherwise specified.....          | 645            |                 | 645           | 357           |
| Glass and Glass Manufactures.....                              | 634            |                 | 634           | 669           |
| Molasses.....  | 622            |                 | 622           | 344           |
| Fertilizers and Fertilizer Materials.....                      | 441            |                 | 441           |               |
| Cement, common or portland.....                                | 388            |                 | 388           | 487           |
| All Goods not otherwise specified.....                         | 7,151          | 703             | 7,854         | 4,928         |
| Total.....   | 271,524        | 9,637           | 281,161       | 280,700       |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1953.....         |        |          |        |
| 1952.....         |        |          |        |
| 1951.....         |        |          |        |
| 1950.....         |        |          |        |
| 1949.....         |        |          |        |
| <i>Coastwise—</i> |        |          |        |
| 1953.....         | 4,649  | 4,890    | 9,539  |
| 1952.....         | 3,790  | 3,790    | 7,580  |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |
| <i>Total—</i>     |        |          |        |
| 1953.....         | 4,649  | 4,890    | 9,539  |
| 1952.....         | 3,790  | 3,790    | 7,580  |
| 1951.....         | 4,599  | 4,650    | 9,249  |
| 1950.....         | 4,059  | 4,058    | 8,117  |
| 1949.....         | 7,129  | 7,129    | 14,258 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$29,512. The principal items were replanking the west end wooden wharf, demolition of old shed No. 3 and levelling the ground. General maintenance of wharves, sheds, railway tracks, roads and water system was carried out.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$94,202, as compared with \$86,450 in 1952. Expenses of operation and maintenance were \$49,680, the corresponding figure in 1952 being \$26,037.

After charging reserve for replacements and interest on debt to the Government, there was a net income deficit of \$83,915, as compared with a deficit of \$73,187 in 1952.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |    |           |          |
|--------------------|----|-----------|----------|
| Harbour Dues.....  | \$ | 952 10    |          |
| Miscellaneous..... |    | 240 00    |          |
|                    |    | <u>\$</u> | 1,192 10 |

## Wharves and Piers—

|                    |           |  |           |
|--------------------|-----------|--|-----------|
| Top Wharfage.....  | 35,061 87 |  |           |
| Dockage.....       | 4,300 67  |  |           |
| Miscellaneous..... | 46,487 31 |  |           |
|                    | <u></u>   |  | 85,849 85 |

## Permanent Sheds—

|                   |          |  |          |
|-------------------|----------|--|----------|
| Shed Rentals..... | 2,068 80 |  |          |
| Storage.....      | 3,584 07 |  |          |
|                   | <u></u>  |  | 5,652 87 |

## Miscellaneous Services—

|                |  |           |           |
|----------------|--|-----------|-----------|
| Outsiders..... |  | 1,507 17  |           |
|                |  | <u>\$</u> | 94,201 99 |

## OPERATING EXPENSES—

|                     |           |  |  |
|---------------------|-----------|--|--|
| Administration..... | 11,906 01 |  |  |
|---------------------|-----------|--|--|

## Operation and Maintenance—

|                                       |           |           |           |
|---------------------------------------|-----------|-----------|-----------|
| Harbour General.....                  | 4,688 28  |           |           |
| Roads, Fences and Boundaries.....     | 444 59    |           |           |
| Wharves and Piers.....                | 25,306 97 |           |           |
| Permanent Sheds.....                  | 3,602 41  |           |           |
| Railway System.....                   | 3,438 17  |           |           |
| Miscellaneous Services—Outsiders..... | 293 67    |           |           |
|                                       | <u></u>   | 37,774 09 |           |
|                                       |           | <u></u>   | 49,680 10 |

|                       |  |  |           |
|-----------------------|--|--|-----------|
| Operating Income..... |  |  | 44,521 89 |
|-----------------------|--|--|-----------|

|   |           |  |  |
|---|-----------|--|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 12,550 25 |  |  |
|---|-----------|--|--|

|                                   |         |  |           |
|-----------------------------------|---------|--|-----------|
| MISCELLANEOUS INCOME CREDITS..... | 74 90   |  |           |
|                                   | <u></u> |  | 12,625 15 |

|                   |  |  |           |
|-------------------|--|--|-----------|
| Total Income..... |  |  | 57,147 04 |
|-------------------|--|--|-----------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |         |         |           |
|---|---------|---------|-----------|
| Income received from Reserve Funds transferred to Reserves..... | 527 64  |         |           |
| Miscellaneous Income Charges.....                               | 69 10   |         |           |
|   | <u></u> | 596 74  |           |
|   |         | <u></u> | 56,550 30 |

## OTHER INCOME REQUIREMENTS—

|                               |            |  |            |
|-------------------------------|------------|--|------------|
| Reserve for Replacements..... | 35,630 63  |  |            |
| Interest due Government.....  | 104,834 44 |  |            |
|                               | <u></u>    |  | 140,465 07 |

|                                 |    |           |  |
|---------------------------------|----|-----------|--|
| Net Income <i>Deficit</i> ..... | \$ | 83,914 77 |  |
|---------------------------------|----|-----------|--|

## Harbour of Chicoutimi

## BALANCE SHEET AS AT DECEMBER 31, 1953

| ASSETS   |              | LIABILITIES AND PROPRIETARY EQUITY |                 |
|--|--------------|------------------------------------|-----------------|
| CURRENT—   |              | CURRENT—                           |                 |
| Cash on hand and on deposit with Receiver General of Canada.....\$ | 28,684 26    | Accounts Payable.....\$            | 394 70          |
| Accounts Receivable.....   | 801 61       | Salaries and Wages Payable.....    | 5 50            |
| Stores on Hand.....\$  | 2,666 77     |                                    | 400 20          |
|  | 32,152 64    |                                    |                 |
| RESERVE FUNDS—   |              | DEFERRED REVENUE.....              |                 |
| Replacement Fund.....  | 402,962 30   |                                    | 2,607 43        |
| Fire and General Insurance.....                                    | 17,600 61    |                                    | 3,007 63        |
|  | 420,562 91   |                                    |                 |
| PREPAID EXPENSES.....  |              | PROPRIETARY EQUITY                 |                 |
|  | 537 32       |                                    |                 |
| FIXED—   |              | GOVERNMENT OF CANADA—              |                 |
| Harbour Dredging.....  | 445,827 58   | Loans and Advances—                |                 |
| Real Estate.....   | 35,625 67    | Non-interest bearing.....\$        | 459,398 32      |
| Roads, Fences and Boundaries.....                                  | 115,905 96   | Interest bearing.....              | 3,812,161 20    |
| Sewers and Drains.....   | 165,653 09   | Accrued Interest.....              | 2,106,463 42    |
| Wharves and Piers.....   | 2,924,622 03 |                                    | 6,378,022 94    |
| Permanent Sheds.....   | 124,083 29   | Reserves for—                      |                 |
| Railway System.....  | 38,599 51    | Replacement.....                   | 757,764 34      |
| Office Furniture and Appliances.....                               | 4,921 55     | Fire and General Insurance...      | 17,600 61       |
| Electric Power System...   | 4,560 98     |                                    | 775,364 95      |
| Water Supply System.....   | 16,768 01    |                                    | 7,153,387 89    |
| Floating Equipment.....  | 3,265 75     | Deficit—                           |                 |
| Shore Equipment.....   | 937 92       | As at Jan. 1, 1953.....            | 2,741,218 93    |
| Miscellaneous Small Plant.....                                     | 2,373 47     | Loss on 1953 Operations.....       | 83,914 77       |
|  | 3,883,194 81 |                                    |                 |
|  |              | Less adjustments during 1953....   | 2,825,133 70    |
|  |              |                                    | 5,235 86        |
|  |              |                                    | 2,819,897 84    |
|  |              |                                    | 4,333,490 05    |
|  |              |                                    | \$ 4,336,497 68 |

## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the Board include 4 main piers and wharves having 20,425 linear feet of berthing, 10 transit sheds with a total floor area of 761,000 square feet, 23 miles of standard gauge terminal railway, connected with both Canadian railways, a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries, with a loading capacity of 90,000 bushels per hour, 3 marine towers for unloading boats, also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish house with a capacity of 1,000,000 pounds, a floating crane 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 4,724                   | 5,516,037                    |
| 1952.....          | 4,597                   | 5,263,305                    |
| 1951.....          | 4,684                   | 4,714,577                    |
| 1950.....          | 4,512                   | 4,484,885                    |
| 1949.....          | 4,203                   | 4,178,588                    |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 4,736                   | 5,533,193                    |
| 1952.....          | 4,597                   | 5,270,540                    |
| 1951.....          | 4,695                   | 4,712,979                    |
| 1950.....          | 4,515                   | 4,481,129                    |
| 1949.....          | 4,197                   | 4,178,427                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 753                     | 3,408,753                    | 737                     | 3,399,386                    |
| Coastal or inland commercial (including fishery)..... | 3,891                   | 2,088,271                    | 3,713                   | 1,837,237                    |
| Other.....  | 80                      | 19,013                       | 147                     | 26,682                       |
| Total.....  | 4,724                   | 5,516,037                    | 4,597                   | 5,263,305                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 754                     | 3,422,033                    | 737                     | 3,399,386                    |
| Coastal or inland commercial (including fishery)..... | 3,895                   | 2,090,431                    | 3,703                   | 1,836,088                    |
| Other.....  | 87                      | 20,729                       | 152                     | 35,066                       |
| Total.....  | 4,736                   | 5,533,193                    | 4,597                   | 5,270,540                    |

(Exclusive of naval vessels)



## TRAFFIC

### CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1953.....        | 73,004    | 953,080   | 1,026,084 |
| 1952.....        | 65,772    | 1,041,579 | 1,107,351 |
| 1951.....        | 117,834   | 790,658   | 908,492   |
| 1950.....        | 74,278    | 350,643   | 424,921   |
| 1949.....        | 40,905    | 316,440   | 357,345   |
| <i>Domestic—</i> |           |           |           |
| 1953.....        | 2,126,100 | 104,364   | 2,230,464 |
| 1952.....        | 1,821,333 | 91,488    | 1,912,821 |
| 1951.....        | 1,831,165 | 73,293    | 1,904,458 |
| 1950.....        | 1,757,544 | 73,815    | 1,836,359 |
| 1949.....        | 1,468,260 | 49,746    | 1,518,006 |
| <i>Total—</i>    |           |           |           |
| 1953.....        | 2,199,104 | 1,057,444 | 3,256,548 |
| 1952.....        | 1,887,105 | 1,133,067 | 3,020,172 |
| 1951.....        | 1,948,999 | 863,951   | 2,812,950 |
| 1950.....        | 1,831,822 | 429,458   | 2,261,280 |
| 1949.....        | 1,509,165 | 366,186   | 1,875,351 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1953   | Outward<br>1953  | Total<br>1953    | Total<br>1952    |
|---|------------------|------------------|------------------|------------------|
|   | (Tons)           | (Tons)           | (Tons)           | (Tons)           |
| Grain.....  | 175,431          | 686,469          | 861,900          | 833,884          |
| Pulpwood.....   | 632,091          | 1,065            | 633,156          | 504,873          |
| Petroleum Oil, fuel.....  | 571,673          | 4,005            | 575,678          | 450,994          |
| Coal, bituminous.....   | 320,318          | 3,823            | 324,141          | 367,477          |
| Gasoline.....   | 264,255          | 2,111            | 266,366          | 237,098          |
| Asbestos and Asbestos Manufactures.....   | 134              | 107,658          | 107,792          | 104,686          |
| Paper, newsprint.....   |                  | 93,223           | 93,223           | 54,684           |
| Cement, common or portland.....   | 83,874           | 2,002            | 85,876           | 68,473           |
| Ores and Concentrates not otherwise specified.....  | 720              | 59,194           | 59,914           | 60,188           |
| Coal, anthracite.....   | 41,653           | 692              | 42,345           | 33,475           |
| Metal, scrap.....   | 105              | 18,451           | 18,556           |                  |
| Sulphur.....  | 16,230           |                  | 16,230           | 20,160           |
| Fertilizers and Fertilizer Materials.....   | 14,546           | 956              | 15,502           | 19,407           |
| Wood-pulp.....  |                  | 15,440           | 15,440           | 18,166           |
| Lumber (Planks, Boards and Flooring) and Square Timber.....   | 2,389            | 7,758            | 10,147           | 35,005           |
| Flour, wheat.....   | 1,079            | 8,280            | 9,359            | 36,384           |
| Explosives, including Fuses and Blasting Caps.....  | 97               | 6,910            | 7,007            | 8,096            |
| Groceries not otherwise specified.....  | 811              | 5,845            | 6,656            | 6,910            |
| Iron or Steel, Band, Bars not otherwise specified, Hoops, Plates, Rods, Sheets, Skelp, Strip and Tin Plate..... | 4,885            | 226              | 5,111            | 6,507            |
| Food-stuffs, canned or preserved, not otherwise specified.....  | 3,154            | 1,935            | 5,089            | 8,212            |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and Ties (railway).....                                      | 2,393            | 1,151            | 3,544            | 41,856           |
| Glass and Glass Manufactures.....   | 2,988            | 246              | 3,234            | 2,684            |
| Motor Vehicles and Parts.....   | 2,737            | 378              | 3,115            | 4,063            |
| Iron or Steel, structural.....  | 1,706            | 1,273            | 2,979            | 3,534            |
| Fruit and Fruit Products.....   | 2,393            | 549              | 2,942            | 2,199            |
| Grain Products (Mill Products except Wheat Flour).....  | 827              | 1,920            | 2,747            | 3,431            |
| Gypsum.....   | 2,688            |                  | 2,688            | 3,059            |
| Beverages, alcoholic.....   | 2,498            | 186              | 2,684            | 2,778            |
| Wallboard.....  | 2,437            | 182              | 2,619            |                  |
| Molasses.....   | 2,195            | 194              | 2,389            | 2,696            |
| Milk, condensed, evaporated or powdered.....  | 20               | 2,061            | 2,081            | 1,948            |
| Salt.....   | 1,664            | 340              | 2,004            | 1,344            |
| All Goods not otherwise specified.....  | 41,113           | 22,921           | 64,034           | 75,898           |
| <b>Total.....</b>   | <b>2,199,104</b> | <b>1,057,444</b> | <b>3,256,548</b> | <b>3,020,172</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1953.....         | 77,257 | 33,354   | 110,611 |
| 1952.....         | 46,349 | 23,334   | 69,683  |
| 1951.....         | 56,542 | 22,949   | 79,491  |
| 1950.....         | 30,092 | 20,239   | 50,331  |
| 1949.....         | 24,802 | 11,403   | 36,205  |
| <i>Coastwise—</i> |        |          |         |
| 1953.....         | 11,228 | 10,131   | 21,359  |
| 1952.....         | 15,165 | 14,540   | 29,705  |
| 1951.....         | 10,580 | 11,790   | 22,370  |
| 1950.....         | 14,685 | 9,007    | 23,692  |
| 1949.....         | 26,859 | 23,892   | 50,751  |
| <i>Total—</i>     |        |          |         |
| 1953.....         | 88,485 | 43,485   | 131,970 |
| 1952.....         | 61,514 | 37,874   | 99,388  |
| 1951.....         | 67,122 | 34,739   | 101,861 |
| 1950.....         | 44,777 | 29,246   | 74,023  |
| 1949.....         | 51,661 | 35,295   | 86,956  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953.....         | 7,557,035  | 22,992,048 | 30,549,083 |
| 1952.....         | 3,601,138  | 24,983,990 | 28,585,128 |
| 1951.....         | 1,614,526  | 20,859,798 | 22,474,324 |
| 1950.....         | 2,827,696  | 6,385,368  | 9,213,064  |
| 1949.....         | 2,917,268  | 6,191,310  | 9,108,578  |
| <i>Via rail—</i>  |            |            |            |
| 1953.....         | 23,055,301 | 4,067,367  | 27,122,668 |
| 1952.....         | 25,231,595 | 2,371,178  | 27,602,773 |
| 1951.....         | 20,614,040 | 637,972    | 21,252,012 |
| 1950.....         | 4,943,132  | 1,418,538  | 6,361,670  |
| 1949.....         | 5,996,993  | 632,653    | 6,629,646  |
| <i>Via other—</i> |            |            |            |
| 1953.....         |            | 1,213,610  | 1,213,610  |
| 1952.....         | 92,707     | 931,197    | 1,023,904  |
| 1951.....         |            | 710,949    | 710,949    |
| 1950.....         | 646        | 1,262,894  | 1,263,540  |
| 1949.....         | 1,329      | 618,759    | 620,088    |
| <i>Total—</i>     |            |            |            |
| 1953.....         | 30,612,336 | 28,273,025 | 58,885,361 |
| 1952.....         | 28,925,440 | 28,286,365 | 57,211,805 |
| 1951.....         | 22,228,566 | 22,208,719 | 44,437,285 |
| 1950.....         | 7,771,474  | 9,066,801  | 16,838,275 |
| 1949.....         | 8,915,590  | 7,442,722  | 16,358,312 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1953, with comparison for 1952.

|  | 1953   | 1952   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 21,707 | 25,373 |
| Non-revenue cars.....  | 10,193 | 7,072  |
| Total.....   | 31,900 | 32,445 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,598 | 8,675  |
| Non-revenue cars.....  | 19,227 | 23,705 |
| Total.....   | 31,825 | 32,380 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 138    | 197    |
| Non-revenue cars.....  | 138    | 197    |
| Total.....   | 276    | 394    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 34,443 | 34,245 |
| Non-revenue cars.....  | 29,558 | 30,974 |
| Total.....   | 64,001 | 65,219 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$469,159. The main items were dredging Wolfe's Cove terminals to a depth of 36 feet at low water; the installation of an automatic starter on the 12-inch fire protection line at Princess Louise docks; repairs to timber cribs at Beauport wharf; asphalt paving of shed 25; replacement of ties, rails and floor of track scale; replacement of 6,500 feet of grain elevator belting; renewing insulation on brine pipes and moving pipes to new tunnel between the refrigeration plant and the main cold storage warehouse; and converting the coal heating system at the main office building to an oil burning system.

## CAPITAL WORKS

Expenditures on capital account amounted to \$915,506, of which \$138,824 was provided from replacement fund. The principal items were:—

*Diesel Electric Locomotive.*—An 80-ton diesel electric switching locomotive was purchased to replace a worn-out steam locomotive and was put into service on the harbour terminal railway.

*Reconstruction of Shed 29.*—In September 1952 a contract was awarded to Emile Frenette Limitée for the reconstruction of shed 29 but only 10 per cent of the work was done during that year. The reconstruction work consisted of replacement of part of the framework with new steel, straightening and replacing steel that could be salvaged and the construction of an addition. The work has now been completed. The shed, with its addition, is 1,000 feet by 124 feet.



*Railway Tracks, Princess Louise Docks.*—To facilitate terminal railway operations and increase yard capacity, one track on the water side of shed 29 was rebuilt and three new tracks were laid at the rear of the shed, together with a new connection to the two tracks at shed 28. The work was done by the Board's forces.

*Railway Tracks, Wolfe's Cove Terminals.*—In order to increase flexibility of terminal railway operation, a new track was laid at the east end of Wolfe's Cove terminals to provide a connection between the existing five tracks and the Canadian National Railways.

*Capacitors for Power Factor Correction.*—In order to correct a poor electrical power factor, 36 capacitors were purchased and installed by the Board's forces.

*Purchase Electrical Power Line, Princess Louise Docks.*—A power distribution line, including 12 transformers, owned by the Quebec Power Company at Princess Louise docks was purchased to ensure full control of electrical distribution facilities on Board property.

*Installation New Compressor, Cold Storage Plant.*—A contract was awarded to John Inglis Company Limited in January for the installation of a 200 H.P. ammonia compressor and motor in the cold storage power house. The work was fully completed.

*Extension of Water Main, Wolfe's Cove Terminals.*—To improve water service to ships at berths 5 and 6, Wolfe's Cove terminals and to provide better facilities for fire protection, a 900-foot extension to the six-inch water line was laid by the Board's forces.

*Minor Items.*—Expenditures on capital account also included the following minor items: preliminary work in connection with the installation of a car dumper at the grain elevator; preliminary work on the proposed reconditioning of quay wall at berth 20; and the installation of three additional connectors to the automatic telephone system at the grain elevator.

### CAPITAL SUSPENSE

*Reconstruction of Shed 28.*—Shed 28 was destroyed by fire in June. A contract for its reconstruction was awarded to Magloire Cauchon Limitée in August. The new shed will be a single storey, steel frame structure, 540 feet by 103 feet, with corrugated steel sheathing. The work was 25 per cent completed. The cost of reconstruction will be met from replacement and insurance funds. Pending completion of the work and distribution of the cost, all expenditures are carried in capital suspense.

### REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,829,632, as compared with \$1,722,137 in 1952, showing a gain of \$107,495, in large part attributable to increased revenues of the grain elevator. Operating and maintenance expenses were \$1,447,599, as compared with \$2,130,402 in the previous year, the decrease being \$682,803. The outlay for dredging was much less in 1953 than in the previous year. The 1953 expenditure amounted to \$128,122 for work at Wolfe's Cove terminals, whereas in the previous year there was a charge of \$885,937 for dredging in the St. Charles river estuary.

Net income deficit, after all charges, was \$707,641, the corresponding figure for the previous year being \$1,498,423.



## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |                   |              |
|--------------------|-------------------|--------------|
| Harbour Dues.....  | \$ 35,280 81      |              |
| Miscellaneous..... | 54,492 53         |              |
|                    | <u>          </u> | \$ 89,773 34 |

## Wharves and Piers—

|                    |                   |            |
|--------------------|-------------------|------------|
| Top Wharfage.....  | 298,896 83        |            |
| Dockage.....       | 134,859 98        |            |
| Miscellaneous..... | 59,822 81         |            |
|                    | <u>          </u> | 493,579 62 |

## Permanent Sheds—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Shed Rentals.....  | 19,124 31         |           |
| Storage.....       | 19,290 70         |           |
| Miscellaneous..... | 5,617 07          |           |
|                    | <u>          </u> | 44,032 08 |

|                     |  |            |
|---------------------|--|------------|
| Railway System..... |  | 225,838 75 |
|---------------------|--|------------|

## Grain Elevator System—

|                    |                   |            |
|--------------------|-------------------|------------|
| Elevation.....     | 446,103 24        |            |
| Storage.....       | 224,677 87        |            |
| Miscellaneous..... | 11,836 87         |            |
|                    | <u>          </u> | 682,617 98 |

## Cold Storage System—

|                    |                   |            |
|--------------------|-------------------|------------|
| Storage.....       | 159,540 16        |            |
| Miscellaneous..... | 19,004 55         |            |
|                    | <u>          </u> | 178,544 71 |

## Miscellaneous Services—

|                |                   |                 |
|----------------|-------------------|-----------------|
| Outsiders..... |                   | 115,245 80      |
|                | <u>          </u> | \$ 1,829,632 28 |

## OPERATING EXPENSES—

|                     |               |  |
|---------------------|---------------|--|
| Administration..... | \$ 144,224 50 |  |
|---------------------|---------------|--|

## Operation and Maintenance—

|                                       |                   |                   |
|---------------------------------------|-------------------|-------------------|
| Harbour Dredging.....                 | \$ 128,122 00     |                   |
| Harbour General.....                  | 202,285 01        |                   |
| Vehicular Bridges.....                | 6,207 51          |                   |
| Roads, Fences and Boundaries.....     | 6,214 32          |                   |
| Sewers and Drains.....                | 367 53            |                   |
| Wharves and Piers.....                | 60,789 65         |                   |
| Permanent Sheds.....                  | 46,502 50         |                   |
| Railway System.....                   | 164,686 37        |                   |
| Grain Elevator System.....            | 465,799 33        |                   |
| Cold Storage System.....              | 131,936 97        |                   |
| Miscellaneous Services—Outsiders..... | 90,463 25         |                   |
|                                       | <u>          </u> | 1,303,374 44      |
|                                       |                   | <u>          </u> |
|                                       |                   | 1,447,598 94      |

|                       |  |            |
|-----------------------|--|------------|
| Operating Income..... |  | 382,033 34 |
|-----------------------|--|------------|

|   |           |  |
|---|-----------|--|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 36,478 15 |  |
|---|-----------|--|

|                                   |                   |           |
|-----------------------------------|-------------------|-----------|
| MISCELLANEOUS INCOME CREDITS..... | 14,944 75         |           |
|                                   | <u>          </u> | 51,422 90 |

|                   |  |            |
|-------------------|--|------------|
| Total Income..... |  | 433,456 24 |
|-------------------|--|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |                   |                   |
|---|-------------------|-------------------|
| Income received from Reserve Funds transferred to Reserves..... | 7,515 74          |                   |
| Miscellaneous Income Charges.....                               | 18,778 24         |                   |
|   | <u>          </u> | 26,293 98         |
|   |                   | <u>          </u> |
|   |                   | 407,162 26        |

## OTHER INCOME REQUIREMENTS—

|                               |                   |              |
|-------------------------------|-------------------|--------------|
| Reserve for Replacements..... | 320,705 21        |              |
| Interest due Government.....  | 794,097 92        |              |
|                               | <u>          </u> | 1,114,803 13 |

|                         |               |  |
|-------------------------|---------------|--|
| Net Income Deficit..... | \$ 707,640 87 |  |
|-------------------------|---------------|--|

# Harbour of Quebec

## BALANCE SHEET AS AT DECEMBER 31, 1953

### HARBOUR OF QUEBEC

39

#### ASSETS

| CURRENT—   |               |
|--|---------------|
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 124,463 55 |
| Accounts Receivable.....   | \$ 213,098 79 |
| Less—Reserve for Bad Debts.....                                  | 2,089 71      |
| Stores on hand.....  | 211,009 08    |
| Accrued Revenue.....   | 65,008 49     |
| Other Assets.....  | 867 16        |
|  | 867 42        |

|                                     |               |
|-------------------------------------|---------------|
| CONTRACTORS' SECURITY DEPOSITS..... | \$ 402,325 70 |
|                                     | 82,412 74     |
| RESERVE FUNDS—                      |               |
| Replacement Fund.....               | 744,933 29    |
| Fire and General Ins. Fund.....     | 195,923 92    |

|                                 |            |
|---------------------------------|------------|
| PREPAID EXPENSES.....           | 940,857 21 |
| CAPITAL AND OTHER SUSPENSE..... | 2,058 59   |
|                                 | 60,204 77  |

#### FIXED—

|                                      |               |
|--------------------------------------|---------------|
| Harbour Dredging.....                | 3,603,196 80  |
| Real Estate.....                     | 289,282 99    |
| Vehicular Bridges.....               | 171,868 75    |
| Roads, Fences and Boundaries.....    | 256,053 81    |
| Sewers and Drains.....               | 290,810 33    |
| Miscellaneous Structures.....        | 123,925 03    |
| Wharves and Piers.....               | 13,307,904 32 |
| Permanent Sheds.....                 | 2,966,024 15  |
| Shed Hoists.....                     | 12,000 00     |
| Railway System.....                  | 931,996 67    |
| Grain Elevator System.....           | 3,555,557 80  |
| Cold Storage System.....             | 758,373 29    |
| Office Furniture and Appliances..... | 17,153 92     |
| Harbour Buildings.....               | 198,573 42    |
| Central Heating Plants.....          | 9,514 50      |
| Harbour Shops.....                   | 12,528 65     |
| Electric Power System.....           | 116,979 58    |
| Water Supply System.....             | 37,956 06     |
| Floating Equipment.....              | 116,250 29    |
| Shore Equipment.....                 | 69,278 57     |
| Miscellaneous Small Plant.....       | 26,338 02     |
| Works under Construction.....        | 773,963 12    |

|  |                 |
|--|-----------------|
|  | 27,645,530 07   |
|  | \$29,133,389 08 |

#### LIABILITIES AND PROPRIETARY EQUITY

##### LIABILITIES

| CURRENT—                        |              |
|---------------------------------|--------------|
| Accounts Payable.....           | \$ 96,408 98 |
| Salaries and Wages Payable..... | 86,536 60    |
|                                 | 182,945 58   |

|  |            |
|--|------------|
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... | 82,412 74  |
| ACCOUNTS PAYABLE—CONSTRUCTION.....         | 78,590 74  |
| CONTRACTORS' HOLDBACKS.....                | 91,325 71  |
| DEFERRED REVENUE.....                      | 9,981 63   |
|  | 445,256 40 |

##### PROPRIETARY EQUITY

##### GOVERNMENT OF CANADA—

| Loans and Advances—       |                 |
|---------------------------|-----------------|
| Non-interest bearing..... | \$ 2,663,019 41 |
| Interest bearing.....     | 29,455,200 65   |
| Accrued Interest.....     | 15,256,425 40   |
|                           | 47,374,645 46   |

| Reserves for—                   |               |
|---------------------------------|---------------|
| Replacement.....                | 8,178,392 63  |
| Fire and General Insurance..... | 195,923 92    |
|                                 | 8,374,316 55  |
|                                 | 55,748,962 01 |

| Deficit—                     |               |
|------------------------------|---------------|
| As at Jan. 1, 1953.....      | 26,197,010 49 |
| Loss on 1953 Operations..... | 707,640 87    |
| Adjustments during 1953..... | 156,177 97    |
|                              | 27,060,829 33 |

|  |                 |
|--|-----------------|
|  | 28,688,132 68   |
|  | \$29,133,389 08 |

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice rivers, about 81 miles below Montreal. It is open to navigation for about 7½ months in the year. The facilities operated by the Board include three main wharves having some 7,650 linear feet of berthing with a minimum water depth of 30 feet alongside and nine transit sheds with a total floor area of about 192,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 2,857                   | 1,822,341                    |
| 1952.....          | 2,706                   | 1,848,710                    |
| 1951.....          | 2,778                   | 2,240,812                    |
| 1950.....          | 2,434                   | 2,405,539                    |
| 1949.....          | 2,200                   | 2,241,825                    |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 2,856                   | 1,822,148                    |
| 1952.....          | 2,718                   | 1,849,493                    |
| 1951.....          | 2,774                   | 2,240,513                    |
| 1950.....          | 2,434                   | 2,405,509                    |
| 1949.....          | 2,192                   | 2,241,371                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 299                     | 906,942                      | 253                     | 817,156                      |
| Coastal or inland commercial (including fishery)..... | 2,529                   | 905,890                      | 2,413                   | 1,014,837                    |
| Other.....  | 29                      | 9,509                        | 40                      | 16,717                       |
| Total.....  | 2,857                   | 1,822,341                    | 2,706                   | 1,848,710                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 299                     | 906,942                      | 253                     | 817,156                      |
| Coastal or inland commercial (including fishery)..... | 2,529                   | 905,890                      | 2,425                   | 1,015,620                    |
| Other.....  | 28                      | 9,316                        | 40                      | 16,717                       |
| Total.....  | 2,856                   | 1,822,148                    | 2,718                   | 1,849,493                    |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1953.....        | 264,016   | 620,940 | 884,956   |
| 1952.....        | 336,203   | 846,778 | 1,182,981 |
| 1951.....        | 358,319   | 537,663 | 895,982   |
| 1950.....        | 374,273   | 549,231 | 923,504   |
| 1949.....        | 120,936   | 343,468 | 464,404   |
| <i>Domestic—</i> |           |         |           |
| 1953.....        | 2,126,089 | 33,011  | 2,159,100 |
| 1952.....        | 2,129,874 | 25,551  | 2,155,425 |
| 1951.....        | 2,278,674 | 19,358  | 2,298,032 |
| 1950.....        | 1,835,199 | 17,511  | 1,852,710 |
| 1949.....        | 1,807,043 | 5,565   | 1,812,608 |
| <i>Total—</i>    |           |         |           |
| 1953.....        | 2,390,105 | 653,951 | 3,044,056 |
| 1952.....        | 2,466,077 | 872,329 | 3,338,406 |
| 1951.....        | 2,636,993 | 557,021 | 3,194,014 |
| 1950.....        | 2,209,472 | 566,742 | 2,776,214 |
| 1949.....        | 1,927,979 | 349,033 | 2,277,012 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1953   | Outward<br>1953 | Total<br>1953    | Total<br>1952    |
|---|------------------|-----------------|------------------|------------------|
|   | (Tons)           | (Tons)          | (Tons)           | (Tons)           |
| Pulpwood.....   | 1,311,899        | .....           | 1,311,899        | 1,392,800        |
| Grain.....  | 395,390          | 420,771         | 816,161          | 1,083,373        |
| Coal, bituminous.....   | 371,505          | .....           | 371,505          | 370,925          |
| Petroleum Oil, fuel.....  | 166,870          | 19,488          | 186,358          | 163,111          |
| Paper, newsprint.....   | .....            | 163,907         | 163,907          | 141,910          |
| Gasoline.....   | 60,598           | 4,284           | 64,882           | 55,709           |
| Sulphur.....  | 22,496           | .....           | 22,496           | 20,799           |
| Aluminum, in bars, billets, blocks, ingots, pigs, rods,<br>sheets or slabs..... | .....            | 9,775           | 9,775            | 9,627            |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                  | 7,601            | 1,765           | 9,366            | 5,984            |
| Salt.....   | 9,132            | .....           | 9,132            | 2,240            |
| Clay.....   | 8,849            | .....           | 8,849            | 12,180           |
| Iron or Steel, in billets, blooms, ingots, pigs, sheet<br>bars or slabs.....    | 7,232            | 1,548           | 8,780            | .....            |
| Calcium Carbide.....  | .....            | 7,801           | 7,801            | 7,477            |
| Coal, anthracite.....   | 6,397            | .....           | 6,397            | 5,418            |
| Asbestos and Asbestos Manufactures.....   | .....            | 4,351           | 4,351            | 14,895           |
| All Goods not otherwise specified.....  | 22,136           | 20,261          | 42,397           | 51,958           |
| <b>TOTAL.....</b>   | <b>2,390,105</b> | <b>653,951</b>  | <b>3,044,056</b> | <b>3,338,406</b> |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1953, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953.....         | 13,202,791 | 14,025,685 | 27,228,476 |
| 1952.....         | 14,288,567 | 21,767,482 | 36,056,049 |
| 1951.....         | 10,292,700 | 11,987,698 | 22,280,398 |
| 1950.....         | 11,851,175 | 13,264,034 | 25,115,209 |
| 1949.....         | 9,029,636  | 7,415,195  | 16,444,831 |
| <i>Via rail—</i>  |            |            |            |
| 1953.....         | 1,943,521  | 8,500      | 1,952,021  |
| 1952.....         | 8,785,603  | 19,502     | 8,805,105  |
| 1951.....         | 1,925,798  | 2,000      | 1,927,798  |
| 1950.....         | 99,948     | 33,000     | 132,948    |
| 1949.....         | 1,994      | 1,000      | 2,994      |
| <i>Via other—</i> |            |            |            |
| 1953.....         |            | 178,830    | 178,830    |
| 1952.....         |            | 415,489    | 415,489    |
| 1951.....         | 579        | 177,534    | 178,113    |
| 1950.....         | 223        | 110,892    | 111,115    |
| 1949.....         |            | 7,610      | 7,610      |
| <i>Total—</i>     |            |            |            |
| 1953.....         | 15,146,312 | 14,213,015 | 29,359,327 |
| 1952.....         | 23,074,170 | 22,202,473 | 45,276,643 |
| 1951.....         | 12,219,077 | 12,167,232 | 24,386,309 |
| 1950.....         | 11,951,346 | 13,407,926 | 25,359,272 |
| 1949.....         | 9,031,630  | 7,423,805  | 16,455,435 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$55,118. The principal item was dredging the basin and the wharves, where required, to a minimum depth of 32 feet below low water. All wharves, sheds, roads and other facilities have also been maintained.

## CAPITAL WORKS

Capital expenditures amounted to \$106,395. The main items were:—

*Reconstruction of Shed No. 3A.*—A contract was awarded in September to Cap Construction Ltée. for the dismantling of wooden shed No. 3A, its re-erection at section 14 and the construction on the site of the dismantled shed of a steel frame shed, 550 feet by 100 feet, with corrugated aluminum sheathing. The dismantling and re-erection of the old shed was completed and the concrete footings and foundations walls for the new shed were poured during the year.

*Paving Area Rear of Shed No. 10.*—In August the Board awarded a contract to R. Dufresne for paving with concrete of an area of 7,200 square yards behind shed No. 10. The work was fully completed.

*Minor Item.*—This consisted of the installation by the Board's forces of a fender to protect the corner of the basin.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$320,823, as compared with \$336,628 in 1952, a decrease of \$15,805. Operating and maintenance expenses were \$83,040, as against \$63,584 in 1952, an increase of \$19,456.

After charging interest and reserve for replacements, there was a net income surplus of \$102,309, as compared with a surplus of \$134,928 in 1952.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                    |              |           |
|--------------------|--------------|-----------|
| Harbour Dues.....  | \$ 11,319 03 |           |
| Miscellaneous..... | 1,961 30     |           |
|                    | <u>\$</u>    | 13,280 33 |

## Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 152,514 16 |            |
| Dockage.....       | 37,127 43  |            |
| Miscellaneous..... | 56,698 88  |            |
|                    | <u></u>    | 246,340 47 |

## Permanent Sheds—

|                   |  |           |
|-------------------|--|-----------|
| Shed Rentals..... |  | 58,873 29 |
|-------------------|--|-----------|

## Miscellaneous Services—

|                |           |            |
|----------------|-----------|------------|
| Outsiders..... | 2,329 20  |            |
|                | <u>\$</u> | 320,823 29 |

## OPERATING EXPENSES—

|                     |           |  |
|---------------------|-----------|--|
| Administration..... | 22,926 68 |  |
|---------------------|-----------|--|

## Operation and Maintenance—

|                                       |           |                  |
|---------------------------------------|-----------|------------------|
| Harbour Dredging.....                 | 49,276 80 |                  |
| Harbour General.....                  | 6,273 89  |                  |
| Roads, Fences and Boundaries.....     | 557 60    |                  |
| Wharves and Piers.....                | 888 42    |                  |
| Permanent Sheds.....                  | 2,486 98  |                  |
| Miscellaneous Services—Outsiders..... | 629 28    |                  |
|                                       | <u></u>   | 60,112 97        |
|                                       |           | <u>83,039 65</u> |

|                       |            |
|-----------------------|------------|
| Operating Income..... | 237,783 64 |
|-----------------------|------------|

|   |           |
|---|-----------|
| INCOME RECEIVED FROM RESERVE FUNDS..... | 51,765 43 |
|---|-----------|

|                                   |          |           |
|-----------------------------------|----------|-----------|
| MISCELLANEOUS INCOME CREDITS..... | 2,620 86 |           |
|                                   | <u></u>  | 54,386 29 |

|                   |            |
|-------------------|------------|
| Total Income..... | 292,169 93 |
|-------------------|------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |          |                   |
|---|----------|-------------------|
| Income received from Reserve Funds transferred to Reserves..... | 2,307 85 |                   |
| Reserve for Bad Debts.....                                      | 235 00   |                   |
|   | <u></u>  | 2,542 85          |
|   |          | <u>289,627 08</u> |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 77,561 88  |            |
| Interest due Government.....  | 109,756 42 |            |
|                               | <u></u>    | 187,318 30 |

|                         |               |
|-------------------------|---------------|
| Net Income Surplus..... | \$ 102,308 78 |
|-------------------------|---------------|



## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation from about the middle of April to the beginning of December of each year. The Board operates main piers, wharves and jetties providing 112 berths, totalling about 10 miles of berthing accommodation; 27 transit sheds, with an aggregate floor area of 2,226,000 square feet; also 4 grain elevators, with a total storage capacity of over 15,000,000 bushels, and 3½ miles of grain conveyor galleries; and a cold storage warehouse, with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 10 locomotive cranes are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 5,221                   | 9,096,180                    |
| 1952.....          | 4,852                   | 8,702,609                    |
| 1951.....          | 4,423                   | 7,708,844                    |
| 1950.....          | 4,796                   | 8,263,614                    |
| 1949.....          | 4,480                   | 7,637,311                    |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 5,217                   | 9,094,118                    |
| 1952.....          | 4,855                   | 8,701,953                    |
| 1951.....          | 4,422                   | 7,709,539                    |
| 1950.....          | 4,803                   | 8,264,345                    |
| 1949.....          | 4,493                   | 7,652,848                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,736                   | 5,105,976                    | 1,476                   | 4,992,323                    |
| Coastal or inland commercial (including fishery)..... | 3,384                   | 3,970,012                    | 3,267                   | 3,692,070                    |
| Other.....  | 101                     | 20,192                       | 109                     | 18,216                       |
| Total.....  | 5,221                   | 9,096,180                    | 4,852                   | 8,702,609                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 1,740                   | 5,112,168                    | 1,476                   | 4,992,436                    |
| Coastal or inland commercial (including fishery)..... | 3,378                   | 3,961,826                    | 3,265                   | 3,690,350                    |
| Other.....  | 99                      | 20,124                       | 114                     | 19,167                       |
| Total.....  | 5,217                   | 9,094,118                    | 4,855                   | 8,701,953                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1953.....        | 4,014,955 | 5,368,419 | 9,383,374  |
| 1952.....        | 3,410,954 | 5,959,043 | 9,369,997  |
| 1951.....        | 4,634,788 | 4,469,099 | 9,103,887  |
| 1950.....        | 6,292,018 | 3,435,195 | 9,727,213  |
| 1949.....        | 4,263,258 | 4,168,136 | 8,431,394  |
| <i>Domestic—</i> |           |           |            |
| 1953.....        | 4,392,198 | 3,123,769 | 7,515,967  |
| 1952.....        | 3,531,274 | 3,184,334 | 6,715,608  |
| 1951.....        | 2,162,294 | 3,650,859 | 5,813,153  |
| 1950.....        | 2,287,016 | 3,301,304 | 5,588,320  |
| 1949.....        | 2,779,010 | 2,659,742 | 5,438,752  |
| <i>Total—</i>    |           |           |            |
| 1953.....        | 8,407,153 | 8,492,188 | 16,899,341 |
| 1952.....        | 6,942,228 | 9,143,377 | 16,085,605 |
| 1951.....        | 6,797,082 | 8,119,958 | 14,917,040 |
| 1950.....        | 8,579,034 | 6,736,499 | 15,315,533 |
| 1949.....        | 7,042,268 | 6,827,878 | 13,870,146 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities   | Inward<br>1953 | Outward<br>1953 | Total<br>1953 | Total<br>1952 |
|---|----------------|-----------------|---------------|---------------|
|   | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Grain.....  | 3,052,211      | 3,981,793       | 7,034,004     | 6,697,225     |
| Petroleum Oil, fuel.....  | 706,115        | 1,308,097       | 2,014,212     | 1,170,076     |
| Petroleum Oil, crude.....   | 869,231        | 373,309         | 1,242,540     | 1,096,559     |
| Coal, bituminous.....   | 1,140,915      | .....           | 1,140,915     | 951,414       |
| Gasoline.....   | 88,028         | 752,836         | 840,864       | 1,740,000     |
| Flour, wheat.....   | .....          | 436,477         | 436,477       | 554,575       |
| Cement, common or portland.....   | 222,469        | 115,259         | 337,728       | 317,433       |
| Sugar, raw.....   | 317,107        | .....           | 317,107       | 311,104       |
| Gypsum, crude.....  | 235,604        | 31,635          | 267,239       | 259,467       |
| Coal, anthracite.....   | 244,650        | 21,996          | 266,646       | 257,364       |
| Iron or Steel, scrap.....   | 12,328         | 179,551         | 191,879       | 43,001        |
| Iron Ore.....   | 86,471         | 86,471          | 172,942       | 408,780       |
| Petroleum Oil, refined not otherwise specified.....   | 55,304         | 71,451          | 126,755       | 90,892        |
| Iron or Steel Band, Bars not otherwise specified,<br>Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin<br>Plate..... | 101,431        | 23,091          | 124,522       | 105,397       |
| Chrome Ore.....   | 67,519         | 53,331          | 120,850       | 76,709        |
| Phosphate Rock.....   | 108,627        | .....           | 108,627       | 75,235        |

CARGO TONNAGE—COMMODITIES—*Concluded*

| Commodities  | Inward<br>1953 | Outward<br>1953 | Total<br>1953 | Total<br>1952 |
|--|----------------|-----------------|---------------|---------------|
|  | (Tons)         | (Tons)          | (Tons)        | (Tons)        |
| Asbestos and Asbestos Manufactures.....  | 4,156          | 75,597          | 79,753        | 70,460        |
| Wood-pulp.....   | 10,543         | 63,030          | 73,573        | 58,003        |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....                 | 19,557         | 53,365          | 72,922        | 68,596        |
| Motor Vehicles and Parts.....  | 32,428         | 31,631          | 64,059        | 65,944        |
| Machinery and Parts (except agricultural).....                                 | 37,855         | 19,777          | 57,632        | 60,518        |
| Sulphur.....   | 56,634         | .....           | 56,634        | 21,156        |
| Glass and Glass Manufactures.....  | 51,392         | 3,815           | 55,207        | 32,186        |
| Iron or Steel, structural.....   | 52,529         | 2,605           | 55,134        | 56,452        |
| Iron or Steel Manufactures not otherwise specified...                          | 43,834         | 10,231          | 54,065        | 48,823        |
| Manganese Ore.....   | 26,078         | 26,039          | 52,117        | 11,216        |
| Molasses.....  | 41,404         | 9,919           | 51,323        | 34,180        |
| Grain Products (Mill Products except Wheat Flour)...                           | 6              | 42,485          | 42,491        | 21,087        |
| Nickel and Nickel Manufactures.....  | 251            | 41,819          | 42,070        | 40,908        |
| Rock and Stone.....  | 24,588         | 14,723          | 39,311        | 10,901        |
| Copper, refined, in bars, billets, cakes, cathodes,<br>ingots or slabs.....    | 2,064          | 36,422          | 38,486        | 34,043        |
| Milk, condensed, evaporated or powdered.....                                   | 3,413          | 33,440          | 36,853        | 28,380        |
| Beverages, alcoholic.....  | 28,698         | 6,199           | 34,897        | 34,740        |
| Dry Goods not otherwise specified.....   | 30,054         | 3,033           | 33,087        | 29,290        |
| Fertilizers and Fertilizer Materials.....                                      | 32,149         | 567             | 32,716        | 12,962        |
| Bauxite Ore.....   | 16,942         | 11,425          | 28,367        | 8,047         |
| Oil Cake and Oil-cake Meal.....  | 969            | 26,317          | 27,286        | 1,484         |
| Meats, canned, cured, prepared or preserved.....                               | 3,277          | 22,494          | 25,771        | 10,399        |
| Iron or Steel Tubes, Pipe and Fittings.....                                    | 16,877         | 8,297           | 25,174        | 27,376        |
| Clay.....  | 24,342         | 71              | 24,413        | 21,372        |
| Fruits, dried.....   | 24,209         | 193             | 24,402        | 21,351        |
| Jute and Jute Manufactures.....  | 20,441         | 3,488           | 23,929        | 23,772        |
| Paper not otherwise specified.....   | 4,186          | 18,477          | 22,663        | 23,421        |
| Settlers' Effects.....   | 14,530         | 5,200           | 19,730        | 18,726        |
| Wool, unmanufactured, and Wool Yarns.....                                      | 17,505         | 1,568           | 19,073        | 12,978        |
| Ferro-alloys.....  | .....          | 18,779          | 18,779        | 62,986        |
| Nuts.....  | 18,529         | 120             | 18,649        | 18,542        |
| Coffee Beans and Coffee Preparations.....                                      | 18,280         | .....           | 18,280        | 17,057        |
| Fruits and Fruit Products (including Juices) not other-<br>wise specified..... | 17,184         | 608             | 17,792        | 14,980        |
| Electrical Goods not otherwise specified.....                                  | 9,294          | 7,877           | 17,171        | 18,472        |
| Paper, newsprint.....  | .....          | 16,610          | 16,610        | 17,890        |
| Ordnance Stores not otherwise specified.....                                   | 1,751          | 14,132          | 15,883        | 22,946        |
| Confectionery.....   | 13,874         | 1,979           | 15,853        | 14,152        |
| Hardware not otherwise specified.....  | 8,321          | 7,468           | 15,789        | 13,417        |
| Chinaware, Earthenware and Porcelainware.....                                  | 14,716         | 126             | 14,842        | 13,481        |
| Copper and Copper Manufactures not otherwise speci-<br>fied.....               | 9,224          | 4,659           | 13,883        | 13,512        |
| Fruits, canned or preserved.....   | 12,787         | 1,017           | 13,804        | 9,667         |
| Food-stuffs, canned or preserved, not otherwise<br>specified.....              | 3,696          | 9,380           | 13,076        | 19,111        |
| Chemicals not otherwise specified.....   | 9,735          | 3,339           | 13,074        | 8,938         |
| Tin, scrap.....  | .....          | 13,065          | 13,065        | 3,285         |
| Toys.....  | 11,751         | 1,297           | 13,048        | 9,398         |
| Tea.....   | 12,493         | .....           | 12,493        | 14,926        |
| Cocoa Beans, Cocoa Preparations and Chocolate<br>(except Confectionery).....   | 11,826         | 141             | 11,967        | 8,731         |
| Hides, Leather and Leather Manufactures.....                                   | 7,883          | 3,383           | 11,266        | 7,404         |
| Sand and Gravel.....   | 10,644         | 89              | 10,733        | 429           |
| Tobacco and Tobacco Manufactures.....  | 232            | 10,471          | 10,703        | 5,315         |
| Vegetable Oils.....  | 4,458          | 6,228           | 10,686        | 7,393         |
| Brick.....   | 6,205          | 4,240           | 10,445        | 11,034        |
| Pitch, coal-tar.....   | 8,831          | 1,378           | 10,209        | 424           |
| All Goods not otherwise specified.....   | 246,518        | 358,278         | 604,796       | 688,113       |
| Total.....   | 8,407,153      | 8,492,188       | 16,899,341    | 16,085,605    |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1953.....         | 35,171 | 26,679   | 61,850  |
| 1952.....         | 43,805 | 28,239   | 72,044  |
| 1951.....         | 30,657 | 21,717   | 52,374  |
| 1950.....         | 25,053 | 20,877   | 45,930  |
| 1949.....         | 22,509 | 20,739   | 43,248  |
| <i>Coastwise—</i> |        |          |         |
| 1953.....         | 36,368 | 39,713   | 76,081  |
| 1952.....         | 37,070 | 39,002   | 76,072  |
| 1951.....         | 37,358 | 40,521   | 77,879  |
| 1950.....         | 48,813 | 52,683   | 101,496 |
| 1949.....         | 72,820 | 69,841   | 142,661 |
| <i>Total—</i>     |        |          |         |
| 1953.....         | 71,539 | 66,392   | 137,931 |
| 1952.....         | 80,875 | 67,241   | 148,116 |
| 1951.....         | 68,015 | 62,238   | 130,253 |
| 1950.....         | 73,866 | 73,560   | 147,426 |
| 1949.....         | 95,329 | 90,580   | 185,909 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1953, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via Water—</i> |             |             |             |
| 1953.....         | 117,455,831 | 144,983,724 | 262,439,555 |
| 1952.....         | 95,961,319  | 152,031,728 | 247,993,047 |
| 1951.....         | 53,948,235  | 100,570,526 | 154,518,761 |
| 1950.....         | 62,679,547  | 71,027,642  | 133,707,189 |
| 1949.....         | 71,544,011  | 87,164,153  | 158,708,164 |
| <i>Via Rail—</i>  |             |             |             |
| 1953.....         | 48,618,859  | 9,460,129   | 58,078,988  |
| 1952.....         | 69,265,117  | 9,120,352   | 78,385,469  |
| 1951.....         | 55,301,208  | 6,430,637   | 61,731,845  |
| 1950.....         | 16,574,326  | 9,024,452   | 25,598,778  |
| 1949.....         | 30,968,846  | 6,596,415   | 37,565,261  |
| <i>Via other—</i> |             |             |             |
| 1953.....         | 294,588     | 4,550,135   | 4,844,723   |
| 1952.....         | 285,897     | 3,910,005   | 4,195,902   |
| 1951.....         | 894,123     | 2,080,560   | 2,974,683   |
| 1950.....         | 404,750     | 4,588,825   | 4,993,575   |
| 1949.....         | 46,080      | 3,703,631   | 3,749,711   |
| <i>Total—</i>     |             |             |             |
| 1953.....         | 166,369,278 | 158,993,988 | 325,363,266 |
| 1952.....         | 165,512,333 | 165,062,085 | 330,574,418 |
| 1951.....         | 110,143,566 | 109,081,723 | 219,225,289 |
| 1950.....         | 79,658,623  | 84,640,919  | 164,299,542 |
| 1949.....         | 102,558,937 | 97,464,199  | 200,023,136 |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1953, with comparison for 1952.

|  | 1953    | 1952    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 57,082  | 65,971  |
| Non-revenue cars.....  | 11,283  | 8,714   |
| Total.....   | 68,365  | 74,685  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 31,171  | 29,217  |
| Non-revenue cars.....  | 36,449  | 45,927  |
| Total.....   | 67,620  | 75,144  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 9       | 23      |
| Non-revenue cars.....  |         |         |
| Total.....   | 9       | 23      |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 2,051   | 1,440   |
| Non-revenue cars.....  | 5       | 18      |
| Total.....   | 2,056   | 1,458   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 90,313  | 96,651  |
| Non-revenue cars.....  | 47,737  | 54,659  |
| Total.....   | 138,050 | 151,310 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,276,886. The larger items were:—dredging Vickers' basin; macadam paving of wharf surfaces at sections 47, 48 and 49; repairs to 150 feet of the western face of the wooden wharf at sections 101 and 102; rewiring the lower floors of sheds 4, 7, 10 and 11; asphalt resurfacing of the lower floors of sheds 12 and 14; replacement of two slip diamonds at sections 13 and 15; modification and reconditioning of two car shakers each at elevators Nos. 1 and 2; replacement of 28 elevator belts and 2,800 elevator buckets; reconditioning hopper scales at elevator "B"; and exterior painting of receiving and shipping galleries on the jetty at elevator No. 2.

## CAPITAL WORKS

Expenditures on capital account amounted to \$689,389. The principal items were:—

*Reconstruction of Wharf, Sections 40-42.*—A contract was awarded in September to the Foundation Company of Canada Limited for reconstruction of a 1,500 foot length of wharf at sections 40-42, and converting it from a low level to a high level wharf. The work is being carried out by means of reinforced concrete cribs filled and backfilled with gravel and with a reinforced concrete cope wall on top. About 9 per cent of the work was completed during the year.

*Installation of Two Car Dumpers.*—A contract was awarded in August to Atlas Construction Company Limited for the construction of car dumper pits at elevators 1 and 2 in preparation for the installation of two car dumpers by United Steel Corporation Limited under a contract awarded to them in November 1952. The pit at elevator 1 was almost completed during the year and the excavation was finished at elevator 2 and piling almost all driven. This constituted about 55 per cent of the work embraced by the contract with Atlas Construction Company Limited.



*Installation of 15-Ton Freight Hoist in Sheds 12 and 14.*—A contract was awarded in February 1952 to Key Construction Limited for the installation of a 15-ton freight hoist between sheds 12 and 14. The work was completed in 1953 and the hoist was put into operation.

*Installation of Two 5-Ton Freight Elevators in Shed 2.*—A contract was awarded to Walter G. Hunt Company Limited in February for the installation of two 5-ton freight elevators in shed 2. About 80 per cent of the work was completed.

*New Transit Sheds, Sections 38 and 39.*—E. G. M. Cape & Company Limited was awarded a contract in August for the construction of two single storey, steel frame transit sheds, with corrugated steel sheathing at sections 38 and 39. The size of the sheds will be 462 feet by 120 feet and 220 feet by 120 feet, respectively. The work was approximately 15 per cent completed.

*Extension of Water Supply System from Section 32 to Section 39.*—A new water line is being laid from section 32 to section 39 under a contract awarded to Atlas Construction Company Limited in December, with materials supplied by the Board. This is needed to supply the sheds at sections 38 and 39 now under construction. Most of the materials were on hand but only a small amount of work was done under the contract.

*Belt for Grain Gallery, Section 45.*—As part of a plan to improve the facilities for delivery of grain to vessels from No. 3 elevator, it is proposed to install an additional conveyor belt in the existing grain gallery at section 45. The conveyor belt and part of the equipment were bought but the installation was not started.

*Construction of Offices in Shed 12.*—Permanent offices were built on the lower floor of shed 12 under a contract awarded in May to Jean Paquette.

*Carpenter's Shop, Stores and Gear Room, Shed 9.*—During August a contract was awarded to Cecil Carpenter Company Limited for the construction of a carpenter's shop, stores and gear room in shed 9. The work was completed in December.

*Power Outlets for Grain Trimming Equipment.*—During 1952 a start was made by the Board's forces on the program of installation of 550-volt power outlets at the 27 grain berths to permit the use of mechanical grain trimming equipment in the loading of ships. This work was continued in 1953 and will be completed in 1954.

*Minor Items.*—A number of minor additions and improvements were carried out. These included filling in ramps at Victoria pier; completion of the paving of Vulcan wharf, section 71; purchase of one milling machine, one air compressor, one 3-ton dump truck with attachments for snow plow blade, one portable welding machine, one truck axle for diesel locomotives, one automobile, two 25 KVA distribution transformers for power service to ships, three automatic grain samplers for elevators 3 and "B"; the erection of guard walls at four sawtooth wharves at sections 32-36; completion of the construction of a latrine at section 36; installation of additional cargo handling fixtures in ten sheds; installation of one bollard on wharf at shed 18; filling in ramps at sheds 12-14; completion of the installation of an improved lighting system in shed 2; preliminary work for the rearrangement of approach roads and tracks to sheds 38 and 39; and laying railway sidings at section 71.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$9,064,500, as compared with \$8,692,656 in 1952, an increase of \$371,844. All revenue divisions showed higher gross earnings than in the previous year, except the terminal railway.

Operating and maintenance expenses were \$4,945,382, as against \$4,567,823 in 1952, an increase of \$377,559.

Net income surplus, after all charges, including interest due the Government and reserve for replacements, was \$1,801,431, as compared with a surplus of \$1,797,712 in 1952.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

(Excluding Jacques Cartier Bridge)

|   |               |                 |
|---|---------------|-----------------|
| <b>OPERATING REVENUES—</b>                                      |               |                 |
| Harbour General—  |               |                 |
| Harbour Dues.....   | \$ 60,872 75  |                 |
| Miscellaneous.....  | 28,366 00     |                 |
|   |               | \$ 89,238 75    |
| Wharves and Piers—  |               |                 |
| Top Wharfage.....   | 2,318,065 03  |                 |
| Dockage.....  | 570,634 71    |                 |
| Miscellaneous.....  | 315,512 47    |                 |
|   |               | 3,204,212 21    |
| Permanent Sheds—  |               |                 |
| Shed Rentals.....   | 372,397 55    |                 |
| Storage.....  | 41,910 02     |                 |
| Miscellaneous.....  | 77,071 06     |                 |
|   |               | 491,378 63      |
| Shed Hoists.....  |               | 48,240 00       |
| Railway System.....   |               | 827,330 78      |
| Grain Elevator System—  |               |                 |
| Elevation.....  | 2,457,516 26  |                 |
| Storage.....  | 692,198 70    |                 |
| Miscellaneous.....  | 198,695 66    |                 |
|   |               | 3,348,410 62    |
| Cold Storage System—  |               |                 |
| Storage.....  | 436,452 24    |                 |
| Miscellaneous.....  | 93,971 96     |                 |
|   |               | 530,424 20      |
| Miscellaneous Services—   |               |                 |
| Outsiders.....  |               | 525,264 85      |
|   |               | \$9,064,500 04  |
| <b>OPERATING EXPENSES—</b>                                      |               |                 |
| Administration.....   |               | 488,282 56      |
| Operation and Maintenance—                                      |               |                 |
| Harbour Dredging.....   | \$ 109,567 51 |                 |
| Harbour General.....  | 385,811 86    |                 |
| Roads, Fences and Boundaries.....                               | 58,693 34     |                 |
| Sewers and Drains.....  | 8,550 30      |                 |
| Wharves and Piers.....  | 122,273 96    |                 |
| Permanent Sheds.....  | 158,747 73    |                 |
| Shed Hoists.....  | 44,197 19     |                 |
| Railway System.....   | 637,145 56    |                 |
| Grain Elevator System.....                                      | 2,127,601 08  |                 |
| Cold Storage System.....  | 353,359 52    |                 |
| Miscellaneous Services—Outsiders.....                           | 451,151 07    |                 |
|   |               | 4,457,099 12    |
|   |               | 4,945,381 68    |
| Operating Income.....   |               | 4,119,118 36    |
| INCOME RECEIVED FROM RESERVE FUNDS.....                         | 485,111 86    |                 |
| MISCELLANEOUS INCOME CREDITS.....                               | 25,867 15     |                 |
|   |               | 510,979 01      |
| Total Income.....   |               | 4,630,097 37    |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |               |                 |
| Income Received from Reserve Funds transferred to Reserves..... | 53,182 82     |                 |
| Reserve for Bad Debts.....                                      | 381 55        |                 |
| Miscellaneous Income Charges.....                               | 66,504 90     |                 |
|   |               | 120,069 27      |
|   |               | 4,510,028 10    |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |               |                 |
| Reserve for Replacements.....                                   | 931,108 41    |                 |
| Interest due Government.....                                    | 1,777,489 13  |                 |
|   |               | 2,708,597 54    |
| Net Income Surplus.....   |               | \$ 1,801,430 56 |

# **Harbour of Montreal** **BALANCE SHEET AS AT DECEMBER 31, 1953** **(EXCLUDING JACQUES CARTIER BRIDGE)**

| ASSETS                                     |                        | LIABILITIES AND PROPRIETARY EQUITY                |                        |
|--|------------------------|---|------------------------|
| <b>CURRENT—</b>                            |                        | <b>LIABILITIES</b>                                |                        |
| Cash on hand and on deposit with Receiver  | 932,328 52             | <b>CURRENT—</b>                                   |                        |
| General of Canada.....\$                   |                        | Accounts Payable.....                             | \$ 752,055 41          |
| Accounts Receivable.....                   | \$ 684,829 16          | Salaries and Wages Payable.....                   | 58,726 43              |
| Less Reserve for Bad Debts.....            | 1,848 08               |   | <u>\$</u>              |
| Stores on Hand.....                        | 682,981 08             |   | 810,781 84             |
| Accrued Revenue.....                       | 399,413 61             |   | 300,082 06             |
| Other Assets.....                          | 242,440 85             |   |                        |
|  | <u>\$ 48,427 06</u>    |   |                        |
| <b>CONTRACTORS' SECURITY DEPOSITS.....</b> | <b>\$ 2,305,591 12</b> | <b>CONTRACTORS' SECURITY DEPOSITS—CONTRA.....</b> | <b>131,707 22</b>      |
|  | <u>300,082 06</u>      |   |                        |
| <b>RESERVE FUNDS—</b>                      |                        | <b>ACCOUNTS PAYABLE—CONSTRUCTION.....</b>         | <b>41,855 51</b>       |
| Replacement Fund.....                      | 16,026,107 65          |   |                        |
| Fire and General Insurance Fund.....       | 1,355,151 34           | <b>CONTRACTORS' HOLDBACKS.....</b>                | <b>78,788 47</b>       |
|  | <u>17,381,258 99</u>   |   |                        |
| <b>PREPAID EXPENSES.....</b>               | <b>13,382 46</b>       | <b>DEFERRED REVENUE.....</b>                      | <b>1,363,215 10</b>    |
| <b>CAPITAL SUSPENSE.....</b>               | <b>5,062 45</b>        |   |                        |
| <b>FIXED—</b>                              |                        |   |                        |
| Harbour Dredging.....                      | 5,616,356 32           |   |                        |
| Real Estate.....                           | 2,225,789 54           |   |                        |
| Roads, Fences and Boundaries.....          | 877,885 76             |   |                        |
| Sewers and Drains.....                     | 180,328 35             |   |                        |
| Miscellaneous Structures.....              | 401,581 10             |   |                        |
| Wharves and Piers.....                     | 25,577,274 69          |   |                        |
| Permanent Sheds.....                       | 8,306,403 79           |   |                        |
| Shed Hoists.....                           | 303,003 99             |   |                        |
| Railway System.....                        | 4,750,582 33           |   |                        |
| Grain Elevator System.....                 | 14,646,140 89          |   |                        |
| Cold Storage System.....                   | 3,066,617 88           |   |                        |
| Office Furniture and Appliances.....       | 65,834 93              |   |                        |
| Harbour Buildings.....                     | 506,025 19             |   |                        |
| Central Heating Plants.....                | 16,579 46              |   |                        |
| Harbour Shops.....                         | 232,477 76             |   |                        |
| Electric Power System.....                 | 1,059,725 69           |   |                        |
| Water Supply System.....                   | 214,526 61             |   |                        |
| Floating Equipment.....                    | 873,115 68             |   |                        |
| Shore Equipment.....                       | 396,339 64             |   |                        |
| Works under Construction.....              | 564,831 02             |   |                        |
|  | <u>69,881,420 62</u>   |   |                        |
|  |                        | <b>DEFICIT—</b>                                   |                        |
|  |                        | As at Jan. 1, 1953.....                           | 11,717,828 33          |
|  |                        | Less Adjustments in 1953.....                     | 53,721 53              |
|  |                        | Profit on 1953 Operations.....                    | 1,801,430 56           |
|  |                        |   | <u>9,892,676 24</u>    |
|  |                        |   | 88,523,582 60          |
|  |                        |   | <u>\$89,886,797 70</u> |

## **PROPRIETARY EQUITY**

### **GOVERNMENT OF CANADA—**

|                           |                      |
|---------------------------|----------------------|
| Loans and Advances—       |                      |
| Non-interest bearing..... | \$ 5,526,950 07      |
| Interest bearing.....     | 64,507,868 73        |
| Accrued Interest.....     | 3,042,646 41         |
|                           | <u>73,077,465 21</u> |

### **Reserves for—**

|                                 |                      |
|---------------------------------|----------------------|
| Replacement.....                | 23,983,973 83        |
| Fire and General Insurance..... | 1,354,819 80         |
|                                 | <u>25,338,793 63</u> |

98,416,258 84



# JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1953, with comparison for 1952.

|                              | 1953       | 1952       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 14,092,212 | 13,600,527 |
| Automobiles (Passenger)..... | 6,370,460  | 5,378,650  |
| Trucks.....                  | 1,141,865  | 1,122,607  |
| Buses.....                   | 139,492    | 135,705    |
| All Others.....              | 24,729     | 23,586     |

## REVENUES AND EXPENDITURES

Bridge tolls and sundry receipts amounted to \$1,734,087, exceeding those of 1952 by \$134,403. Operating and maintenance expenditures were \$206,563, as compared with \$197,162 in the previous year.

In addition to the amount of \$206,563 charged as current expenses, \$57,943 was spent from reserve funds for special maintenance. There was also a capital expenditure of \$2,149 for improvement to toll collector's stands.

After making provision for interest, reserve for depreciation, and other charges against income, there was a net income surplus of \$476,978, as compared with a surplus of \$300,156 in 1952.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was applied to the extent of \$950,000 to reduce the capital debt to \$16,976,000.

During the year the city of Montreal, under judgment of the Supreme Court of Canada, paid its indebtedness in respect of contributions towards meeting deficits incurred by the bridge in the years 1944-1949 inclusive. The amount received was \$744,426, together with \$210,407 as interest. These payments were applied to reduce the deficit debt and accrued interest thereon, respectively.

### INCOME STATEMENT FOR THE CALENDAR YEAR 1953

|   |                 |                 |
|---|-----------------|-----------------|
| <b>OPERATING REVENUES—</b>                                      |                 |                 |
| Bridge Tolls Collected.....                                     | \$ 1,711,415 11 |                 |
| Sundry Receipts.....  | 22,672 11       |                 |
|   |                 | \$ 1,734,087 22 |
| <b>OPERATING EXPENSES—</b>                                      |                 |                 |
| Administration.....   | 31,599 64       |                 |
| Operation.....  | 129,402 27      |                 |
| Maintenance.....  | 45,561 20       |                 |
|   |                 | 206,563 11      |
| Operating Income.....   |                 | 1,527,524 11    |
| <b>INCOME RECEIVED FROM RESERVE FUNDS.....</b>                  |                 |                 |
|   | 21,407 14       |                 |
| <b>MISCELLANEOUS INCOME CREDITS.....</b>                        |                 |                 |
|   | 136 04          |                 |
|   |                 | 21,543 18       |
| Total Income.....   |                 | 1,549,067 29    |
| <b>MISCELLANEOUS DEDUCTIONS FROM INCOME—</b>                    |                 |                 |
| Income received from Reserve Funds transferred to reserves..... | 21,407 14       |                 |
| Bond Discount and Redemption Premium.....                       | 61,333 66       |                 |
| Miscellaneous Income Charges.....                               | 11,794 82       |                 |
|   |                 | 94,535 62       |
|   |                 | 1,454,531 67    |
| <b>OTHER INCOME REQUIREMENTS—</b>                               |                 |                 |
| Reserve for Depreciation.....                                   | 166,065 19      |                 |
| Interest due Government Deficit Debt.....                       | 331,465 62      |                 |
| Interest due Government Capital Debt.....                       | 480,023 05      |                 |
|   |                 | 977,553 86      |
| Net Income Surplus.....   | \$              | 476,977 81      |





## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953 .....        | 22,817,285 | 14,992,908 | 37,810,193 |
| 1952 .....        | 16,674,275 | 13,228,311 | 29,902,586 |
| 1951 .....        | 9,173,409  | 6,317,575  | 15,490,984 |
| 1950 .....        | 8,084,261  | 7,792,387  | 15,876,648 |
| 1949 .....        | 16,012,485 | 12,427,098 | 28,439,583 |
| <i>Via rail—</i>  |            |            |            |
| 1953 .....        | 298,713    | 4,608,462  | 4,907,175  |
| 1952 .....        | 735,443    | 3,372,419  | 4,107,862  |
| 1951 .....        | 676,129    | 2,422,427  | 3,098,556  |
| 1950 .....        | 264,992    | 1,728,352  | 1,993,344  |
| 1949 .....        | 472,358    | 1,419,307  | 1,891,665  |
| <i>Via other—</i> |            |            |            |
| 1953 .....        | 482        | 799,995    | 800,477    |
| 1952 .....        | 3,765      | 499,520    | 503,285    |
| 1951 .....        | 730        | 293,356    | 294,086    |
| 1950 .....        |            | 397,923    | 397,923    |
| 1949 .....        |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1953 .....        | 23,116,480 | 20,401,365 | 43,517,845 |
| 1952 .....        | 17,413,483 | 17,100,250 | 34,513,733 |
| 1951 .....        | 9,850,268  | 9,033,358  | 18,883,626 |
| 1950 .....        | 8,349,253  | 9,918,662  | 18,267,915 |
| 1949 .....        | 16,484,843 | 14,315,804 | 30,800,647 |

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$50,216. The principal items were replacement of steel curtains on marine legs, renewal of coal unloading ramp at the powerhouse, repairs to vessel and rail shipping spouts, repairs to marine shipping scales, general maintenance of interphone and signal system and all electrical equipment, raising and ballasting of railway tracks and replacement of ties.

### REVENUES AND EXPENDITURES

Revenues from operations amounted to \$635,565, as compared with \$479,079 in 1952. Expenditures on operation and maintenance were \$249,378, as against \$208,977 in 1952.

Net income surplus for the year was \$390,215, as against a surplus of \$270,915 in 1952, an increase of \$119,300. No charge for interest or depreciation of property is made in the accounts of this facility.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

## Harbour General—

|                       |    |       |    |
|-----------------------|----|-------|----|
| Property Rentals..... | \$ | 3,986 | 15 |
|-----------------------|----|-------|----|

|                        |  |     |    |
|------------------------|--|-----|----|
| Wharves and Piers..... |  | 100 | 00 |
|------------------------|--|-----|----|

|                     |  |     |    |
|---------------------|--|-----|----|
| Railway System..... |  | 191 | 50 |
|---------------------|--|-----|----|

## Grain Elevator System—

|                |    |         |    |
|----------------|----|---------|----|
| Elevation..... | \$ | 305,348 | 16 |
|----------------|----|---------|----|

|              |  |         |    |
|--------------|--|---------|----|
| Storage..... |  | 295,499 | 37 |
|--------------|--|---------|----|

|                    |  |        |    |
|--------------------|--|--------|----|
| Miscellaneous..... |  | 30,440 | 28 |
|--------------------|--|--------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 631,287 | 81 |
|--|--|---------|----|

|  |    |         |    |
|--|----|---------|----|
|  | \$ | 635,565 | 46 |
|--|----|---------|----|

## OPERATING EXPENSES—

|                     |  |        |    |
|---------------------|--|--------|----|
| Administration..... |  | 28,213 | 51 |
|---------------------|--|--------|----|

## Operation and Maintenance—

|                            |  |         |    |
|----------------------------|--|---------|----|
| Grain Elevator System..... |  | 221,164 | 72 |
|----------------------------|--|---------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 249,378 | 23 |
|--|--|---------|----|

|                       |  |         |    |
|-----------------------|--|---------|----|
| Operating Income..... |  | 386,187 | 23 |
|-----------------------|--|---------|----|

|                                   |  |       |    |
|-----------------------------------|--|-------|----|
| MISCELLANEOUS INCOME CREDITS..... |  | 9,005 | 20 |
|-----------------------------------|--|-------|----|

|  |  |         |    |
|--|--|---------|----|
|  |  | 395,192 | 43 |
|--|--|---------|----|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|                                   |  |       |    |
|-----------------------------------|--|-------|----|
| Miscellaneous Income Charges..... |  | 4,977 | 87 |
|-----------------------------------|--|-------|----|

|                         |    |         |    |
|-------------------------|----|---------|----|
| Net Income Surplus..... | \$ | 390,214 | 56 |
|-------------------------|----|---------|----|

# Prescott Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1953

### ASSETS

#### CURRENT—

|  |                      |
|--|----------------------|
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 223,483 13        |
| Accounts Receivable.....   | 190,489 57           |
| Stores on Hand.....  | 13,604 35            |
| Accrued Revenue.....   | 102 00               |
|  | <u>\$ 427,679 05</u> |

#### PREPAID EXPENSES.....

18 95

#### FIXED—

|                                      |                     |
|--------------------------------------|---------------------|
| Wharves and Piers.....               | 961,260 11          |
| Railway System.....                  | 373,248 47          |
| Grain Elevator System.....           | 3,549,717 17        |
| Office Furniture and Appliances..... | 5,752 77            |
| Miscellaneous Small Plant.....       | 5,333 97            |
|                                      | <u>4,895,312 49</u> |

\$ 5,323,010 49

### LIABILITIES AND PROPRIETARY EQUITY

#### LIABILITIES

|                                 |                    |
|---------------------------------|--------------------|
| CURRENT—                        |                    |
| Accounts Payable.....           | \$ 5,343 23        |
| Salaries and Wages Payable..... | 2,728 41           |
|                                 | <u>\$ 8,071 64</u> |
| DEFERRED REVENUE.....           | 2,135 63           |
|                                 | <u>10,207 27</u>   |

#### GOVERNMENT OF CANADA—

|  |              |
|--|--------------|
| Loans and Advances—  |              |
| Non-interest bearing.....  | 4,895,939 56 |
| Reserves—  |              |
| Depreciation, Small Plant and Office Furniture and Appliances..... | 7,098 31     |

|                               |                   |
|-------------------------------|-------------------|
| Surplus—                      |                   |
| As at Jan. 1, 1953.....       | \$ 290,466 19     |
| Profit on 1953 Operations.... | 390,214 56        |
|                               | <u>680,680 75</u> |

|   |                     |
|---|---------------------|
| Payment to Government of 1952 earnings..... | <u>270,915 40</u>   |
|   | 409,765 35          |
|   | <u>5,312,803 22</u> |

\$ 5,323,010 49



## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1953.....         | 70,572,498 | 67,223,143 | 137,795,641 |
| 1952.....         | 64,284,600 | 61,093,617 | 125,378,217 |
| 1951.....         | 47,146,158 | 44,965,896 | 92,112,054  |
| 1950.....         | 40,433,452 | 39,109,356 | 79,542,808  |
| 1949.....         | 39,316,122 | 35,705,911 | 75,022,033  |
| <i>Via rail—</i>  |            |            |             |
| 1953.....         | 19,033     | 2,440,077  | 2,459,109   |
| 1952.....         | 25,927     | 1,456,143  | 1,482,070   |
| 1951.....         | 52,484     | 1,841,935  | 1,894,419   |
| 1950.....         | 40,809     | 2,518,515  | 2,559,324   |
| 1949.....         | 89,646     | 1,250,530  | 1,340,176   |
| <i>Via other—</i> |            |            |             |
| 1953.....         |            | 422,541    | 422,541     |
| 1952.....         |            | 425,975    | 425,975     |
| 1951.....         |            | 304,415    | 304,415     |
| 1950.....         |            | 229,634    | 229,634     |
| 1949.....         |            | 374,202    | 374,202     |
| <i>Total—</i>     |            |            |             |
| 1953.....         | 70,591,531 | 70,085,761 | 140,677,292 |
| 1952.....         | 64,310,527 | 62,975,735 | 127,286,262 |
| 1951.....         | 47,198,642 | 47,112,246 | 94,310,888  |
| 1950.....         | 40,474,261 | 41,857,505 | 82,331,766  |
| 1949.....         | 39,405,768 | 37,330,643 | 76,736,411  |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$94,813, consisting of general overhaul and repairs to marine shovel equipment, car haul, marine legs, lofters, scales, conveyors, inside electrical circuits and vessel spouts and repairs to wharf.

### CAPITAL WORKS

Expenditure on capital account amounted to \$2,186, covering the purchase and installation of an air compressor.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$1,048,208, as compared with \$860,348 in 1952. Operating and maintenance expenses were \$565,268, the corresponding figure for 1952 being \$485,315.

Net income surplus for 1953 was \$480,577, as against \$365,786 in the previous year, an increase of \$114,791. No charge is made in the accounts of this facility for interest (except a small amount on recent capital expenditures) or for depreciation of physical property.

By arrangement with the Department of Finance, surplus earnings of 1953 were applied, to the extent of \$181,544, in repayment to the Government of advances obtained in previous years for capital expenditures.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUE—

|                    |               |                 |
|--------------------|---------------|-----------------|
| Elevation.....     | \$ 868,979 51 |                 |
| Storage.....       | 179,049 42    |                 |
| Miscellaneous..... | 179 25        |                 |
|                    |               | \$ 1,048,208 18 |

## OPERATING EXPENSES—

|                                |            |            |
|--------------------------------|------------|------------|
| Administration.....            | 48,449 69  |            |
| Operation and Maintenance..... | 516,818 13 |            |
|                                |            | 565,267 82 |
| Operating Income.....          |            | 482,940 36 |

|                                   |          |            |
|-----------------------------------|----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 5,980 41 |            |
| Total Income.....                 |          | 488,920 77 |

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|                                   |          |            |
|-----------------------------------|----------|------------|
| Miscellaneous Income Charges..... | 2,991 55 |            |
|                                   |          | 485,929 22 |

## OTHER INCOME REQUIREMENTS—

|                              |               |  |
|------------------------------|---------------|--|
| Interest due Government..... | 5,352 69      |  |
| Net Income Surplus.....      | \$ 480,576 53 |  |

# Port Colborne Elevator BALANCE SHEET AS AT DECEMBER 31, 1953

## ASSETS

|   |                        |
|---|------------------------|
| CURRENT—                                  |                        |
| Cash on hand and on deposit with Receiver |                        |
| General of Canada.....\$                  | 193,780 93             |
| Accounts Receivable.....                  | 87,374 90              |
| Stores on hand.....                       | 80,647 63              |
|   | <u>\$ 361,803 46</u>   |
| PREPAID EXPENSES.....                     | 51 11                  |
| CAPITAL SUSPENSE.....                     | 8,153 02               |
| FIXED—                                    |                        |
| Real Estate.....                          | 21,875 80              |
| Wharves and Piers.....                    | 533,644 00             |
| Railway System.....                       | 42,189 22              |
| Grain Elevator System.....                | 1,939,724 73           |
| Office Furniture and Appliances.....      | 8,794 44               |
| Miscellaneous Small Plant.....            | 29,447 02              |
|   | <u>2,575,675 21</u>    |
|   | <u>\$ 2,945,682 80</u> |

## LIABILITIES AND PROPRIETARY EQUITY

|  |                        |  |
|--|------------------------|--|
|  | LIABILITIES            |  |
| CURRENT—   |                        |  |
| Accounts Payable.....\$  | 11,082 72              |  |
| Salaries and Wages Payable.....                                    | 5,206 81               |  |
|  | <u>\$ 16,289 53</u>    |  |
|  | PROPRIETARY EQUITY     |  |
| GOVERNMENT OF CANADA—  |                        |  |
| Loans and Advances—  |                        |  |
| Non-interest bearing.....\$  | 2,356,217 60           |  |
| Interest bearing.....  | 2,186 00               |  |
| Accrued Interest.....  | 5,352 69               |  |
|  | <u>2,363,756 29</u>    |  |
| RESERVES—  |                        |  |
| Depreciation, Small Plant and Office Furniture and Appliances..... | 18,437 21              |  |
| SURPLUS—   |                        |  |
| As at January 1, 1953.....   | 432,408 96             |  |
| Profit on 1953 Operations....                                      | 480,576 53             |  |
|  | <u>912,985 49</u>      |  |
| Payment to Government of 1952 earnings.....                        | 365,785 72             |  |
|  | <u>547,199 77</u>      |  |
|  | <u>2,929,393 27</u>    |  |
|  | <u>\$ 2,945,682 80</u> |  |

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the Board include 1,855 linear feet of wharf with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 2,500,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 15 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 45                      | 103,466                      |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 36                      | 82,131                       |
| 1949.....          | 32                      | 72,157                       |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 44                      | 103,461                      |
| 1951.....          | 34                      | 93,645                       |
| 1950.....          | 35                      | 82,077                       |
| 1949.....          | 32                      | 72,157                       |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

| —   | 1953                    |                              | 1952                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 31                      | 122,279                      | 27                      | 97,232                       |
| Coastal or inland commercial (including fishery)..... | 16                      | 5,274                        | 18                      | 6,234                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 47                      | 127,553                      | 45                      | 103,466                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 31                      | 122,279                      | 27                      | 97,232                       |
| Coastal or inland commercial (including fishery)..... | 16                      | 5,274                        | 17                      | 6,229                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 47                      | 127,553                      | 44                      | 103,461                      |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1953.....        | 2,972  | 323,533 | 326,505 |
| 1952.....        | 8,529  | 257,553 | 266,082 |
| 1951.....        | 7,650  | 218,420 | 226,070 |
| 1950.....        | 3,350  | 203,032 | 206,382 |
| 1949.....        | 2,000  | 165,826 | 167,826 |
| <i>Domestic—</i> |        |         |         |
| 1953.....        | 290    | 3,229   | 3,519   |
| 1952.....        | 762    | 3,536   | 4,298   |
| 1951.....        | 172    | 2,555   | 2,727   |
| 1950.....        | 11     | 2,315   | 2,326   |
| 1949.....        | 66     | 2,432   | 2,498   |
| <i>Total—</i>    |        |         |         |
| 1953.....        | 3,262  | 326,762 | 330,024 |
| 1952.....        | 9,291  | 261,089 | 270,380 |
| 1951.....        | 7,822  | 220,975 | 228,797 |
| 1950.....        | 3,361  | 205,347 | 208,708 |
| 1949.....        | 2,066  | 168,258 | 170,324 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1953, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1953.....         | .....      | 10,784,446 | 10,784,446 |
| 1952.....         | .....      | 8,585,122  | 8,585,122  |
| 1951.....         | .....      | 7,278,443  | 7,278,443  |
| 1950.....         | .....      | 6,767,743  | 6,767,743  |
| 1949.....         | .....      | 5,527,535  | 5,527,535  |
| <i>Via rail—</i>  |            |            |            |
| 1953.....         | 11,207,044 | .....      | 11,207,044 |
| 1952.....         | 8,636,512  | .....      | 8,636,512  |
| 1951.....         | 8,814,395  | .....      | 8,814,395  |
| 1950.....         | 7,086,101  | .....      | 7,086,101  |
| 1949.....         | 5,553,069  | .....      | 5,553,069  |
| <i>Total—</i>     |            |            |            |
| 1953.....         | 11,207,044 | 10,784,446 | 21,991,490 |
| 1952.....         | 8,636,512  | 8,585,122  | 17,221,634 |
| 1951.....         | 8,814,395  | 7,278,443  | 16,092,838 |
| 1950.....         | 7,086,101  | 6,767,743  | 13,853,844 |
| 1949.....         | 5,553,069  | 5,527,535  | 11,080,604 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$70,032. The principal items were renewal of the timber box enclosing water and sewer lines and general maintenance of grain elevator, powerhouse, wharf, transit shed, water supply system and shore and floating equipment.

## CAPITAL WORKS

An amount of \$182,055 was spent on capital account on the following items:—

*Construction of Officers' Residence.*—A contract was awarded in July to Bolton Construction Company Limited for the construction of a residence for the Board's officers. The building under construction is a three-storey cement block structure, with concrete floors and roof. It is 115 feet by 29 feet, with a wing 32 feet by 27 feet. The contract was 75 per cent completed.

*Construction of Warehouse No. 5.*—Warehouse no. 5, which was destroyed by fire, was rebuilt by the Board's forces. It is a cement block structure 80 feet by 26 feet, with concrete floor and roof.

## REVENUES AND EXPENDITURES

Operating revenues amounted to \$621,027, as compared with \$480,345 in 1952. Expenditures on operation and maintenance were \$544,747, as against \$532,432 in 1952.

After taking into account income credits and debits, there was a net income surplus of \$56,708, as compared with a deficit of \$76,344 in 1952, no charge for depreciation having been made, or for interest, except a small amount on capital expended since the harbour was transferred to the Board for administration.

## INCOME STATEMENT FOR THE CALENDAR YEAR 1953

|                                       |    |                   |                     |
|---------------------------------------|----|-------------------|---------------------|
| OPERATING REVENUES—                   |    |                   |                     |
| Harbour General—                      |    |                   |                     |
| Harbour Dues.....                     | \$ | 1,551 33          |                     |
| Miscellaneous.....                    |    | 3,890 00          |                     |
|                                       |    | <u>5,441 33</u>   |                     |
| Wharves and Piers—                    |    |                   |                     |
| Top Wharfrage.....                    |    | 25,333 31         |                     |
| Dockage.....                          |    | 10,076 37         |                     |
|                                       |    | <u>35,409 68</u>  |                     |
| Permanent Sheds—                      |    |                   |                     |
| Storage.....                          |    | 2,564 33          |                     |
| Grain Elevator System—                |    |                   |                     |
| Elevation.....                        |    | 231,082 18        |                     |
| Storage.....                          |    | 83,440 64         |                     |
| Miscellaneous.....                    |    | 146,701 70        |                     |
|                                       |    | <u>461,224 52</u> |                     |
| Miscellaneous Services—Outsiders..... |    |                   |                     |
|                                       |    | 116,386 97        |                     |
|                                       |    | <u>\$</u>         | 621,026 83          |
| OPERATING EXPENSES—                   |    |                   |                     |
| Administration.....                   |    |                   |                     |
|                                       |    | 60,368 27         |                     |
| Operation and Maintenance—            |    |                   |                     |
| Harbour Dredging.....                 |    | 14,226 68         |                     |
| Harbour General.....                  |    | 46,564 53         |                     |
| Roads, Fences and Boundaries.....     |    | 11,298 88         |                     |
| Wharves and Piers.....                |    | 10,140 57         |                     |
| Permanent Sheds.....                  |    | 4,321 95          |                     |
| Grain Elevator System.....            |    | 289,939 04        |                     |
| Miscellaneous Services—Outsiders..... |    | 107,887 27        |                     |
|                                       |    | <u>484,378 92</u> |                     |
|                                       |    |                   | <u>544,747 19</u>   |
| Operating Income.....                 |    |                   | 76,279 64           |
| MISCELLANEOUS INCOME CREDITS.....     |    |                   | 389 16              |
|                                       |    |                   | <u>76,668 80</u>    |
| MISCELLANEOUS DEDUCTIONS FROM INCOME— |    |                   |                     |
| Reserve for Bad Debts.....            |    | 22 83             |                     |
|                                       |    | <u>76,645 97</u>  |                     |
| OTHER INCOME REQUIREMENTS—            |    |                   |                     |
| Interest due Government.....          |    | 19,938 31         |                     |
| Net Income Surplus.....               |    |                   | <u>\$</u> 56,707 66 |



## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific and Great Northern railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet which is now being increased to 40 feet. The Board has 3 piers, a wharf and two jetties, having about 9,500 linear feet of berthing and 6 transit sheds with an aggregate floor area of about 576,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and 1½ miles of conveyor galleries. Besides, there are provided storage tanks with a capacity of over 470,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and a special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe pier.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1953.....          | 32,170                  | 20,229,047                   |
| 1952.....          | 30,470                  | 18,212,789                   |
| 1951.....          | 30,789                  | 16,535,991                   |
| 1950.....          | 29,551                  | 15,061,377                   |
| 1949.....          | 28,482                  | 13,820,239                   |
| <i>Departures—</i> |                         |                              |
| 1953.....          | 32,013                  | 20,198,821                   |
| 1952.....          | 30,279                  | 18,132,827                   |
| 1951.....          | 30,701                  | 16,739,472                   |
| 1950.....          | 29,560                  | 15,067,357                   |
| 1949.....          | 28,406                  | 13,834,872                   |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1953, with comparison for 1952.

|   | 1953              |                        | 1952              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,533             | 6,620,300              | 1,361             | 5,838,503              |
| Coastal or inland commercial (including fishery)..... | 30,637            | 13,603,747             | 29,109            | 12,374,286             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 32,170            | 20,229,047             | 30,470            | 18,212,789             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,545             | 6,676,420              | 1,348             | 5,786,963              |
| Coastal or inland commercial (including fishery)..... | 30,468            | 13,522,401             | 28,931            | 12,345,864             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 32,013            | 20,198,821             | 30,279            | 18,132,827             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1953.....        | 2,731,087 | 4,068,348 | 6,799,435  |
| 1952.....        | 2,890,121 | 4,388,582 | 7,278,703  |
| 1951.....        | 2,848,474 | 3,322,892 | 6,171,366  |
| 1950.....        | 2,878,318 | 2,388,337 | 5,266,655  |
| 1949.....        | 2,156,441 | 2,796,757 | 4,953,198  |
| <i>Domestic—</i> |           |           |            |
| 1953.....        | 3,256,366 | 1,780,732 | 5,037,098  |
| 1952.....        | 2,921,508 | 1,899,331 | 4,820,839  |
| 1951.....        | 3,113,210 | 1,873,324 | 4,986,534  |
| 1950.....        | 3,212,342 | 1,577,956 | 4,790,298  |
| 1949.....        | 2,945,234 | 1,484,791 | 4,430,025  |
| <i>Total—</i>    |           |           |            |
| 1953.....        | 5,987,453 | 5,849,080 | 11,836,533 |
| 1952.....        | 5,811,629 | 6,287,913 | 12,099,542 |
| 1951.....        | 5,961,684 | 5,196,216 | 11,157,900 |
| 1950.....        | 6,090,660 | 3,966,293 | 10,056,953 |
| 1949.....        | 5,101,675 | 4,281,548 | 9,383,223  |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

Statement showing principal commodities, and tonnages thereof, of water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1953, with comparison for 1952.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| Commodities  | Inward<br>1953 | Outward<br>1953  | Total<br>1953    | Total<br>1952    |
|--|----------------|------------------|------------------|------------------|
|  | (Tons)         | (Tons)           | (Tons)           | (Tons)           |
| Grain.....   | 1,400          | 2,997,558        | 2,998,958        | 3,457,423        |
| Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and<br>Ties (railway).....  | 984,896        | 115,540          | 1,100,436        | 1,050,625        |
| Petroleum Oil, fuel.....   | 678,271        | 330,276          | 1,008,547        | 1,059,244        |
| Petroleum Oil, crude.....  | 898,582        | 19,366           | 917,948          | 1,165,433        |
| Lumber (Planks, Boards and Flooring) and Square<br>Timber.....   | 453,072        | 460,144          | 913,216          | 832,557          |
| Gasoline.....  | 348,516        | 206,341          | 554,857          | 473,251          |
| Sand and Gravel.....   | 514,658        | 16,786           | 531,434          | 419,344          |
| Flour, wheat.....  | 214            | 303,831          | 304,045          | 287,368          |
| Wood-pulp.....   | 207,554        | 12,497           | 220,051          | 233,056          |
| Cement, common or portland.....  | 176,097        | 13,482           | 189,579          | 148,849          |
| Rock and Stone.....  | 3,832          | 158,158          | 161,990          | 197,133          |
| Kerosene.....  | 102,238        | 49,810           | 152,048          | 111,805          |
| Paper, newsprint.....  | 143,156        | 6,439            | 149,595          | 146,851          |
| Hog Fuel.....  | .....          | 128,405          | 128,405          | 75,759           |
| Motor Vehicles and Parts.....  | 99,423         | 8,327            | 107,750          | 77,004           |
| Ores and Concentrates not otherwise specified.....   | 97,413         | 7,065            | 104,478          | 105,290          |
| Paper not otherwise specified.....   | 61,004         | 21,056           | 82,060           | 74,184           |
| Sugar, raw.....  | 80,224         | .....            | 80,224           | 94,728           |
| Coal, bituminous.....  | 45,058         | 32,269           | 77,327           | 92,977           |
| Iron or Steel Tubes, Pipe and Fittings.....  | 69,861         | 3,220            | 73,081           | 61,534           |
| Fish (including Shell-fish), canned or preserved.....  | 22,294         | 29,291           | 51,585           | 41,537           |
| Pulpwood.....  | .....          | 48,595           | 48,595           | 33,024           |
| Lime.....  | 43,579         | 1,606            | 45,185           | 40,595           |
| Chemicals not otherwise specified.....   | 26,097         | 16,456           | 42,553           | 34,290           |
| Fish (including shell-fish), fresh or frozen.....  | 38,650         | 1,160            | 39,810           | 31,260           |
| Beverages, alcoholic.....  | 14,688         | 24,616           | 39,304           | 40,850           |
| Iron or Steel, scrap.....  | 5,519          | 32,930           | 38,449           | 9,041            |
| Iron or Steel Band, Bars not otherwise specified,<br>Hoops, Plates, Rods, Sheets, Skelp, Strip and Tin<br>Plate..... | 36,550         | 428              | 36,978           | 62,551           |
| Petroleum Oil, refined not otherwise specified.....  | 16,217         | 18,935           | 35,152           | 32,063           |
| Machinery and Parts (except agricultural).....   | 15,604         | 11,501           | 27,105           | 28,322           |
| Iron or Steel, structural.....   | 11,408         | 15,058           | 26,466           | 35,280           |
| Salt.....  | 10,947         | 14,189           | 25,136           | 21,191           |
| Creosote Oil.....  | 20,949         | .....            | 20,949           | 8,771            |
| Grain Products (Mill Products except Wheat Flour)..<br>Gypsum, crude.....  | 45<br>47       | 19,197<br>18,330 | 19,242<br>18,377 | 16,598<br>12,646 |
| Coffee Beans and Coffee Preparations.....  | 17,252         | 374              | 17,626           | 16,762           |
| China ware, Earthenware and Porcelainware.....   | 12,771         | 1,055            | 13,826           | 12,017           |
| Containers, returned empty.....  | 11,002         | 2,778            | 13,780           | 13,396           |
| Glass and Glass Manufactures.....  | 13,119         | 67               | 13,186           | 7,696            |
| Iron or Steel Manufactures not otherwise specified....   | 9,366          | 3,505            | 12,871           | 10,361           |
| Sulphur.....   | 2,341          | 10,301           | 12,642           | 14,232           |
| Copra.....   | 12,166         | .....            | 12,166           | 33,248           |
| Fruits, fresh, not otherwise specified.....  | 11,652         | 160              | 11,812           | 11,266           |
| Petroleum Briquettes.....  | 11,789         | .....            | 11,789           | 11,011           |
| All Goods not otherwise specified.....   | 657,942        | 687,978          | 1,345,920        | 1,352,119        |
| Total.....   | 5,987,453      | 5,849,080        | 11,836,533       | 12,099,542       |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1953, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1953.....         | 2,615   | 2,555    | 5,170     |
| 1952.....         | 2,994   | 2,725    | 5,719     |
| 1951.....         | 2,376   | 2,518    | 4,894     |
| 1950.....         | 3,143   | 3,116    | 6,259     |
| 1949.....         | 2,933   | 3,573    | 6,506     |
| <i>Coastwise—</i> |         |          |           |
| 1953.....         | 712,738 | 757,771  | 1,470,509 |
| 1952.....         | 794,172 | 875,361  | 1,669,533 |
| 1951.....         | 787,412 | 821,844  | 1,609,256 |
| 1950.....         | 740,056 | 766,001  | 1,506,057 |
| 1949.....         | 778,194 | 816,534  | 1,594,728 |
| <i>Total—</i>     |         |          |           |
| 1953.....         | 715,353 | 760,326  | 1,475,679 |
| 1952.....         | 797,166 | 878,086  | 1,675,252 |
| 1951.....         | 789,788 | 824,362  | 1,614,150 |
| 1950.....         | 743,199 | 769,117  | 1,512,316 |
| 1949.....         | 781,127 | 820,107  | 1,601,234 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1953, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1953.....         |             | 103,884,278 | 103,884,278 |
| 1952.....         |             | 117,095,697 | 117,095,697 |
| 1951.....         |             | 83,596,564  | 83,596,564  |
| 1950.....         |             | 50,510,442  | 50,510,442  |
| 1949.....         |             | 70,294,213  | 70,294,213  |
| <i>Via rail—</i>  |             |             |             |
| 1953.....         | 113,203,504 | 1,832,251   | 115,035,755 |
| 1952.....         | 116,752,173 | 3,938,828   | 120,691,001 |
| 1951.....         | 88,049,979  | 3,346,717   | 91,396,696  |
| 1950.....         | 50,377,179  | 2,779,745   | 53,156,924  |
| 1949.....         | 80,320,222  | 5,945,724   | 86,265,946  |
| <i>Via other—</i> |             |             |             |
| 1953.....         | 115,795     | 2,292,677   | 2,408,472   |
| 1952.....         | 95,293      | 1,471,110   | 1,566,403   |
| 1951.....         | 6,750       | 288,095     | 294,845     |
| 1950.....         | 8,671       | 268,684     | 277,355     |
| 1949.....         | 8,790       | 151,156     | 159,946     |
| <i>Total—</i>     |             |             |             |
| 1953.....         | 113,319,299 | 108,009,206 | 221,328,505 |
| 1952.....         | 116,847,466 | 122,505,635 | 239,353,101 |
| 1951.....         | 88,056,729  | 87,231,376  | 175,288,105 |
| 1950.....         | 50,385,850  | 53,558,871  | 103,944,721 |
| 1949.....         | 80,329,012  | 76,391,093  | 156,720,105 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance expenditures amounted to \$197,315. The principal items of work were replacement of timber railway crossings on Granville island with asphalt; completion of float renewal at Fishermen's wharf; completion of renewal of ships' water supply line at Ballantyne pier; paving part of the north end of Lapointe pier; progressive repairs to shed walls at Ballantyne pier; levelling shed floors at Ballantyne pier; and progressive renewal of metal sash in elevator No. 2.



## CAPITAL WORKS

Capital expenditures amounted to \$634,955, of which \$45,396 was provided from replacement fund. The principal items were:—

*Reconstruction of Shed No. 1, Lapointe Pier.*—A contract for the reconstruction of shed No. 1, Lapointe pier, was awarded to Smith Bros. & Wilson, Ltd., in November 1952. Work was commenced in February 1953 and completed in October. The new shed is a single storey, steel frame structure 740 feet by 84 feet, with corrugated steel siding and two attached brick and concrete office buildings. This shed provides 9,000 square feet more floor space than the shed which it replaced.

*Minor Items.*—Smaller capital items included the construction of a millwright shop at elevator No. 3, completion of a grain inspector's office at elevator No. 1, construction of a checker's office at shed No. 1, Ballantyne pier, completion of installation of power outlets for grain trimming equipment, progressive floodlighting of Ballantyne pier and the construction of an addition to the records storage vault.

## CAPITAL SUSPENSE

*Reconstruction No. 3 Jetty and Grain Galleries.*—The reconstruction of No. 3 jetty and grain galleries, necessitated by fire, was commenced in 1952 under a contract awarded to Commonwealth Construction Co. Ltd. The work was practically all completed in 1953. The jetty and galleries were opened for operation in November. The new jetty has a reinforced concrete slab deck on steel H piles and the galleries are structural steel with corrugated steel sheathing.

The expenditures on this work were carried in capital suspense. When all work is completed the cost will be defrayed by money provided from insurance settlement, replacement fund and accumulated surplus revenue.

## REVENUES AND EXPENDITURES

Operating revenues were \$3,147,259, as compared with \$3,528,272 in 1952, a decrease of \$381,013. Operating and maintenance expenses showed a decrease of \$374,346, the comparable figures being \$1,689,025 in 1953 and \$2,063,371 in 1952.

After taking into account income debits and credits and making provision for replacements and interest due the Government, there was a net income surplus of \$783,100, as compared with \$755,724 in 1952.

## TRANSFER OF TERMINAL RAILWAY

The decrease in 1953, both in total revenues and total expenditures, reflects the transfer of terminal railway operations to the Canadian National Railways as of January 1, 1953. The agreement between the Board and the railway company in this connection provided for the sale of the trackage and other railway facilities (not including the site) for the net book value. The site and the right to maintain and operate the terminal railway have been demised for the fifty-year period commencing January 1, 1953, subject to certain conditions, for nominal consideration. The transfer of the terminal railway assets involves payment by the railway company to the Board on May 6, 1954, of \$1,075,941, together with interest from January 1, 1953. The sale price will be applied, when received, in reduction of indebtedness to the Government.

The agreement with the railway company also provided for the assumption by them of an indebtedness of the Burrard Inlet Tunnel and Bridge Company (owner of the Second Narrows bridge) in the principal amount of \$98,181. This



sum was loaned to the bridge company by the former Vancouver Harbour Commissioners in 1925. The railway company undertook responsibility for this debt in connection with their acquisition of running rights, etc., over the Second Narrows bridge. Before the end of the year, the Board was paid \$98,181, plus accrued interest of \$86,906. The principal amount was applied in reduction of Vancouver Harbour indebtedness to the Government and the interest was taken into income.

# INCOME STATEMENT FOR THE CALENDAR YEAR 1953

## OPERATING REVENUES—

### Harbour General—

|                    |               |                 |
|--------------------|---------------|-----------------|
| Harbour Dues.....  | \$ 175,713 33 |                 |
| Cargo Rates.....   | 514,382 50    |                 |
| Miscellaneous..... | 1,038,570 04  |                 |
|                    |               | \$ 1,728,665 87 |

### Wharves and Piers—

|                    |            |            |
|--------------------|------------|------------|
| Top Wharfage.....  | 400,188 32 |            |
| Dockage.....       | 337,407 33 |            |
| Miscellaneous..... | 45,651 40  |            |
|                    |            | 783,247 05 |

### Permanent Sheds—

|                    |           |            |
|--------------------|-----------|------------|
| Shed Rentals.....  | 30,768 28 |            |
| Storage.....       | 69,886 04 |            |
| Miscellaneous..... | 34,453 57 |            |
|                    |           | 135,107 89 |

### Grain Elevator System—

|              |  |            |
|--------------|--|------------|
| Rentals..... |  | 374,008 94 |
|--------------|--|------------|

### Cold Storage System—

|                    |           |           |
|--------------------|-----------|-----------|
| Storage.....       | 2,292 00  |           |
| Miscellaneous..... | 42,366 00 |           |
|                    |           | 44,658 00 |

### Miscellaneous Services—

|                |           |                 |
|----------------|-----------|-----------------|
| Outsiders..... | 81,571 08 |                 |
|                |           | \$ 3,147,258 83 |

## OPERATING EXPENSES—

|                     |            |
|---------------------|------------|
| Administration..... | 206,792 08 |
|---------------------|------------|

### Operation and Maintenance—

|                                       |               |              |
|---------------------------------------|---------------|--------------|
| Harbour General.....                  | \$ 888,215 88 |              |
| Roads, Fences and Boundaries.....     | 2,322 67      |              |
| Wharves and Piers.....                | 164,693 93    |              |
| Permanent Sheds.....                  | 258,579 69    |              |
| Shed Hoists.....                      | 2,593 56      |              |
| Railway System.....                   | 19,013 97     |              |
| Grain Elevator System.....            | 18,777 50     |              |
| Cold Storage System.....              | 46,893 43     |              |
| Miscellaneous Services—Outsiders..... | 81,141 79     |              |
|                                       | 1,482,232 42  |              |
|                                       |               | 1,689,024 50 |

|                       |              |
|-----------------------|--------------|
| Operating Income..... | 1,458,234 33 |
|-----------------------|--------------|

|  |            |
|--|------------|
| INCOME RECEIVED FROM INVESTMENT AND RESERVE FUNDS..... | 274,508 41 |
|--|------------|

|                                   |           |            |
|-----------------------------------|-----------|------------|
| MISCELLANEOUS INCOME CREDITS..... | 32,929 13 |            |
|                                   |           | 307,437 54 |

|                   |              |
|-------------------|--------------|
| Total Income..... | 1,765,671 87 |
|-------------------|--------------|

## MISCELLANEOUS DEDUCTIONS FROM INCOME—

|   |           |           |
|---|-----------|-----------|
| Income received from Reserve Funds transferred to Reserves..... | 7,868 14  |           |
| Reserve for Bad Debts.....                                      | 3,825 51  |           |
| Miscellaneous Income Charges.....                               | 20,149 15 |           |
|   |           | 31,842 80 |

## OTHER INCOME REQUIREMENTS—

|                               |            |            |
|-------------------------------|------------|------------|
| Reserve for Replacements..... | 261,680 35 |            |
| Interest due Government.....  | 689,048 31 |            |
|                               |            | 950,728 66 |

|                         |               |
|-------------------------|---------------|
| Net Income Surplus..... | \$ 783,100 41 |
|-------------------------|---------------|

## BALANCE SHEET AS AT DECEMBER 31, 1953

## ASSETS

| CURRENT—   |                        |
|--|------------------------|
| Cash on hand and on deposit with Receiver General of Canada..... | \$ 671,863 31          |
| Accounts Receivable.....   | \$ 1,505,300 07        |
| Less—Reserve for Bad Debts....                                   | 15,275 00              |
| Stores on Hand.....  | 1,490,025 07           |
| Accrued Revenue.....   | 48,350 33              |
|  | 85,430 24              |
|  | <u>\$ 2,205,668 05</u> |
| INVESTMENTS.....   | 556,758 23             |
| CONTRACTORS' SECURITY DEPOSITS.....                              | 133,852 46             |
| RESERVE FUNDS—   |                        |
| Replacement Fund.....  | 7,966,448 08           |
| Fire and General Insurance Fund.....                             | 181,100 10             |
| Miscellaneous Funds.....   | 70,425 07              |
|  | <u>8,217,973 25</u>    |
| CAPITAL SUSPENSE.....  | 1,648,455 84           |

## FIXED—

|                                      |              |
|--------------------------------------|--------------|
| Harbour Dredging.....                | 5,957 34     |
| Real Estate.....                     | 7,051,492 71 |
| Roads, Fences and Boundaries.....    | 353,027 37   |
| Sewers and Drains.....               | 16,549 12    |
| Miscellaneous Structures.....        | 20,331 25    |
| Wharves and Piers.....               | 9,224,550 62 |
| Permanent Sheds.....                 | 1,589,161 90 |
| Railway System.....                  | 44,482 75    |
| Grain Elevator System.....           | 7,203,915 55 |
| Cold Storage System.....             | 105,712 82   |
| Office Furniture and Appliances..... | 39,441 40    |
| Harbour Buildings.....               | 161,483 44   |
| Harbour Shops.....                   | 5,170 46     |
| Water Supply System.....             | 87,066 36    |
| Floating Equipment.....              | 18,560 03    |
| Shore Equipment.....                 | 306,028 12   |
| Miscellaneous Small Plant.....       | 48,454 26    |
| Works under Construction.....        | 602,606 37   |

26,884,041 87  
\$39,736,750 60

## LIABILITIES AND PROPRIETARY EQUITY

| CURRENT—                                   |                      | LIABILITIES        |                        |
|--|----------------------|--------------------|------------------------|
| Accounts Payable.....                      | \$ 261,152 34        |                    |                        |
| Salaries and Wages Payable.....            | 5,900 03             |                    |                        |
| Other Current Liabilities.....             | 1,119 02             |                    |                        |
|  | <u>268,171 39</u>    |                    |                        |
| CONTRACTORS' SECURITY DEPOSITS—CONTRA..... |                      |                    | 133,854 67             |
| CONTRACTORS' HOLDBACKS—CONSTRUCTION.....   |                      |                    | 138,545 84             |
| ACCOUNTS PAYABLE—CONSTRUCTION.....         |                      |                    | 123,679 00             |
| DEFERRED REVENUE AND SUSPENSE ACCOUNT..... |                      |                    | 204,676 54             |
|  |                      |                    | <u>868,927 44</u>      |
| GOVERNMENT OF CANADA—                      |                      | PROPRIETARY EQUITY |                        |
| Loans and Advances—                        |                      |                    |                        |
| Non-interest bearing.....                  | \$ 2,610,496 37      |                    |                        |
| Interest bearing.....                      | 25,157,915 27        |                    |                        |
| Accrued Interest.....                      | 60 08                |                    |                        |
|  | <u>27,768,471 72</u> |                    |                        |
| Reserves for—                              |                      |                    |                        |
| Replacement.....                           | 7,530,625 77         |                    |                        |
| Fire and General Insurance....             | 144,984 16           |                    |                        |
| Granville Island Maintenance               | 15,811 03            |                    |                        |
|  | <u>7,691,420 96</u>  |                    |                        |
|  |                      |                    | 35,459,892 68          |
| Surplus—                                   |                      |                    |                        |
| As at January 1, 1953.....                 | 2,230,750 65         |                    |                        |
| Profit on 1953 Operations.....             | 783,100 41           |                    |                        |
| Add Adjustments during 1953                | 394,079 42           |                    |                        |
|  | <u>3,407,930 48</u>  |                    |                        |
|  |                      |                    | 38,867,823 16          |
|  |                      |                    | <u>\$39,736,750 60</u> |

## HEAD OFFICE, OTTAWA

Statement of revenues and expenditures and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the Board and the amount borne by each is included in the respective expenditure statements.

## REVENUE AND EXPENDITURE STATEMENT FOR THE CALENDAR YEAR 1953

|   |    |            |                   |
|---|----|------------|-------------------|
| REVENUE—  |    |            |                   |
| Assessments.....  | \$ | 213,621 65 |                   |
| Income from Workmen's Compensation Fund Investment..... |    | 21,628 65  |                   |
|   |    | <u>\$</u>  | <u>235,250 30</u> |
| EXPENDITURE—  |    |            |                   |
| Salaries.....   |    | 148,937 34 |                   |
| Travelling Expenses.....                                |    | 9,000 83   |                   |
| Advertising.....  |    | 3,248 00   |                   |
| Office Expenses.....                                    |    | 29,339 17  |                   |
| Treasury Office—  |    |            |                   |
| Salaries and Expenses.....                              |    | 23,096 31  |                   |
|   |    | <u></u>    | <u>213,621 65</u> |
| INCOME FROM RESERVE FUNDS TRANSFERRED TO RESERVES.....  |    |            | 21,628 65         |
|   |    | <u>\$</u>  | <u>235,250 30</u> |

BALANCE SHEET AS AT DECEMBER 31, 1953

HEAD OFFICE, OTTAWA

73

| ASSETS  |               | LIABILITIES AND PROPRIETARY EQUITY            |                        |
|---|---------------|---|------------------------|
| CURRENT—  |               | CURRENT—                                      | LIABILITIES            |
| Cash on hand and on deposit with Receiver General of Canada | \$ 1,091 98   | Accounts Payable                              | \$ 1,091 98            |
| GENERAL WORKMEN'S COMPENSATION FUND—                        |               | PENSION ACCOUNTS—                             |                        |
| Cash and Securities   | \$ 790,013 05 | Reserve                                       | \$ 5,530,575 29        |
| Accounts Receivable   | 12,323 00     | Accounts Payable                              | 3,732 68               |
|   |               |   | 5,534,307 97           |
| PENSION FUND—   |               | WORKMEN'S COMPENSATION ACCOUNTS—              |                        |
| Cash—Receiver General of Canada                             | 5,530,482 45  | Reserve                                       | 786,722 78             |
| Accounts Receivable   | 3,825 52      | Accounts Payable                              | 15,613 27              |
|   |               |   | 802,336 05             |
| FIXED—  |               | GOVERNMENT OF CANADA—                         |                        |
| Office Furniture and Appliances                             | 10,972 77     | Reserves—                                     | PROPRIETARY EQUITY     |
|   |               | Depreciation, Office Furniture and Appliances | 4,040 80               |
|   |               | Surplus as at Jan. 1, 1953                    | \$ 5,133 24            |
|   |               | Adjustments in 1953                           | 1,798 73               |
|   |               |   | 6,931 97               |
|   |               |   | 10,972 77              |
|   |               |   | <u>\$ 6,348,708 77</u> |















Canada

National Harbours Board

Annual Report

1954 lacking



Doc

Canada

National Harbours Board

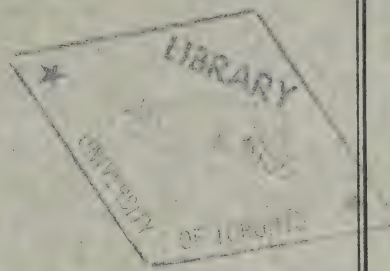
m

Board

41 T 66  
-A56



CANADA



# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

## 1955

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1956

Price, 25 cents







CANADA

# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

# 1955

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1956

## NATIONAL HARBOURS BOARD

### Members of Board

|                           |                |
|---------------------------|----------------|
| B. J. Roberts, C.B.E..... | Chairman.      |
| M. Archer, P. Eng.....    | Vice-Chairman. |
| E. J. Alton.....          | Member.        |
| C. H. Malcolm.....        | Member.        |

### Head Office Officials

|                          |  |
|--------------------------|--|
| W. C. Perron.....        | Executive Director<br>and Traffic Officer. |
| T. M. Bryson, M.B.E..... | Secretary.                                 |
| Roger St. Jean.....      | Assistant Secretary.                       |
| L. R. Stratton, C.E..... | Chief Engineer.                            |
| J. F. Finlay.....        | Legal Adviser.                             |

### Port Officials

|                    |                                 |                 |
|--------------------|---------------------------------|-----------------|
| Halifax.....       | J. R. Mitchell.....             | Port Manager.   |
| Saint John.....    | Russell Yuill, M.B.E., C.E..... | Port Manager.   |
| Chicoutimi.....    | Albert Maltais.....             | Port Manager.   |
| Quebec.....        | Louis Beaudry, P.Eng.....       | Port Manager.   |
| Three Rivers.....  | Henri Gauthier.....             | Port Manager.   |
| Montreal.....      | Guy Beaudet, P. Eng.....        | Port Manager.   |
| Prescott.....      | Alex. Ross.....                 | Superintendent. |
| Port Colborne..... | C. A. Bennett.....              | Superintendent. |
| Churchill.....     | H. M. Wilson.....               | Port Manager.   |
| Vancouver.....     | B. D. L. Johnson, O.B.E.....    | Port Manager.   |

## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 4    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 62   |
| Jacques Cartier Bridge.....          | 77   |
| Prescott Elevator.....               | 80   |
| Port Colborne Elevator.....          | 83   |
| Harbour of Churchill.....            | 86   |
| Harbour of Vancouver.....            | 91   |
| Head Office, Ottawa.....             | 103  |



## NATIONAL HARBOURS BOARD

OTTAWA, April 6, 1956

To the Honourable GEORGE C. MARLER, M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twentieth annual report of the National Harbours Board, covering the operations for the calendar year 1955, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

### SUMMARY

Harbour traffic in 1955 showed a moderate increase over the previous year, in terms of the aggregate net registered tonnage of vessels and the quantity of cargo carried, although the number of arrivals was slightly lower. Both foreign and domestic traffic showed gains, the overall increase in cargo tonnage being 4%.

Operating income amounted to \$21,183,000, setting a new record and showing an increase over 1954 of nearly 5%. Net income surplus was \$2,021,000, exceeding that of the previous year by \$229,000.

Some important new facilities were completed and put into operation during the year and contracts let for others, upon which some \$8,000,000 is yet to be expended.

### SHIPPING

Vessel arrivals in 1955 numbered 50,081, the aggregate net registered tonnage being 46,693,486. The comparable figures for 1954 were 50,891 vessels, aggregating 45,493,111 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 50,081                  | 46,693,486                   |
| 1954.....          | 50,891                  | 45,493,111                   |
| 1953.....          | 49,961                  | 45,307,299                   |
| 1952.....          | 47,821                  | 42,652,542                   |
| 1951.....          | 47,748                  | 39,076,553                   |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 49,585                  | 46,618,688                   |
| 1954.....          | 50,287                  | 45,524,099                   |
| 1953.....          | 49,793                  | 45,266,722                   |
| 1952.....          | 47,658                  | 42,610,845                   |
| 1951.....          | 47,653                  | 39,256,626                   |

(Exclusive of Naval Vessels)

## CARGO TONNAGE

Aggregate cargo tonnage in 1955 was 42,414,822 as compared with 40,890,853 in 1954, the increase being 1,523,969 tons, or about 4%.

Grain traffic showed a slight decrease from the previous year, dropping from 10,383,781 tons in 1954 to 9,805,710 in 1955, a reduction of 578,071 tons or approximately 6%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in fuel oil, gasoline, crude gypsum, cement, sand and gravel, raw sugar, newsprint, wood-pulp, asbestos, motor vehicles and parts, and ores. Decreases were shown in crude petroleum, pulpwood, bituminous coal, lumber, logs, wheat flour, anthracite coal and hog fuel.

Foreign inward traffic decreased 492,875 tons, or 5%, and foreign outward traffic increased 1,214,246 tons, or 11%, compared with 1954. Domestic traffic inward increased 187,733 tons, or 1%, and domestic traffic outward increased 614,865 tons, or 10%, compared with 1954.

The following statement summarizes the volume of water-borne cargo tonnage in 1955 and the four previous years:

## CARGO TONNAGE—SUMMARY

*Basis* Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1955.....        | 9,109,439  | 12,667,521 | 21,776,960 |
| 1954.....        | 9,602,314  | 11,453,275 | 21,055,589 |
| 1953.....        | 9,932,746  | 13,532,387 | 23,465,133 |
| 1952.....        | 9,481,857  | 14,890,582 | 24,372,439 |
| 1951.....        | 10,481,957 | 11,178,577 | 21,660,534 |
| <i>Domestic—</i> |            |            |            |
| 1955.....        | 13,613,873 | 7,023,989  | 20,637,862 |
| 1954.....        | 13,426,140 | 6,409,124  | 19,835,264 |
| 1953.....        | 12,817,184 | 6,242,920  | 19,060,104 |
| 1952.....        | 11,440,270 | 6,524,489  | 17,964,759 |
| 1951.....        | 10,455,728 | 6,697,544  | 17,153,272 |
| <i>Total—</i>    |            |            |            |
| 1955.....        | 22,723,312 | 19,691,510 | 42,414,822 |
| 1954.....        | 23,028,454 | 17,862,399 | 40,890,853 |
| 1953.....        | 22,749,930 | 19,775,307 | 42,525,237 |
| 1952.....        | 20,922,127 | 21,415,071 | 42,337,198 |
| 1951.....        | 20,937,685 | 17,876,121 | 38,813,806 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## INCOME AND EXPENSES

## OPERATING INCOME

Operating income in 1955 amounted to \$21,183,718, as compared with \$20,258,671 in the previous year. The increase was \$925,047, or nearly 5%. The total was slightly greater than in the previous peak year—1953.

All the chief sources of income showed increases over the previous year with the exception of cold storage warehouses. Wharf revenue was up \$400,000, reflecting the increased cargo tonnage. A notable increase was also shown by the Jacques Cartier bridge with a gain of \$288,000.

## OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1955 were \$12,060,296, as against \$11,519,484 in the previous year, an increase of \$540,812, or about 5%. Increased costs were shown in most departments, particularly grain elevators, the expenses of which rose \$244,000.

Salaries and wages amounted to \$7,774,000, as compared with \$7,085,000 in 1954. Retirement benefits for employees cost \$423,000 by way of contribution to the Public Service Superannuation Account.

Grants to municipalities for services rendered to Board properties for 1955 amounted to \$401,500. Arrangements in effect for the previous five-year period expired at the end of 1954. Re-negotiation has resulted to date in a net increase of \$69,500 annually. Agreement has been reached with all but one municipality, provision for which has been made in the 1955 accounts at the previous figure.

Maintenance expenses in 1955 were \$2,769,000, unchanged from 1954.

Net operating income was \$9,123,422, as against \$8,739,187 in 1954, an increase of \$384,235.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1955 resulted in a net income surplus of \$2,021,863, as compared with a surplus of \$1,792,113 in 1954, a gain of \$229,750.

It may be noted that the grain elevators at Prescott and Port Colborne and the facilities at Churchill harbour were transferred to the Board for administration without the imposition of any carrying charges in respect of the capital investment at the date of transfer, and the surplus of \$2,021,863 includes \$844,658 as the combined net earnings of the facilities referred to, exclusive of such charges.

## CHANGES IN TARIFFS

The only change of importance in harbour tariffs in 1955 was the removal of the 10% surcharge on top wharfage on import and export traffic moving through harbours on the Atlantic coast and St. Lawrence River under import and export rates which are on a parity with the rail rates from or to one or more of the United States North Atlantic ports. The surcharge, applicable to all cargo, was put into effect on July 1, 1951. The Canadian railways declined to increase the amount of their absorptions of terminal charges and as a result the small amount represented by the surcharge appeared as an additional item on freight bills. As this constituted a "nuisance" charge which might be a deterrent to the use of Canadian harbours, the surcharge on such traffic was removed, as an interim measure, effective May 2, 1955.

## CONSOLIDATED STATEMENT—SEVEN HARBOURS

The seven harbours administered by local commissioners prior to 1936—Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal and Vancouver—had aggregate operating revenues of \$18,638,877 in 1955, as compared with \$17,691,254 in 1954. The increase was \$947,623, or 5%.

Expenses of administration, operation and maintenance increased from \$10,005,314 in 1954 to \$10,422,532 in 1955, a difference of \$417,218, or 4%.



Net operating income was \$8,216,345 in 1955, as against \$7,685,940 in the previous year.

Net income surplus in 1955 was \$1,177,205, as compared with a surplus of \$755,189 in 1954, an increase of \$422,016. It may be noted that over \$300,000 of this increase arose from the operations of Jacques Cartier bridge—not primarily a harbour facility.

The following is a comparative income statement for the seven harbours referred to for each of the years 1951 to 1955 inclusive:

## INCOME STATEMENT

HARBOURS OF HALIFAX, SAINT JOHN, CHICOUTIMI, QUEBEC, THREE RIVERS,  
MONTREAL AND VANCOUVER

| —  | 1955       | 1954       | 1953       | 1952       | 1951       |
|--|------------|------------|------------|------------|------------|
|  | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....                        | 18,638,877 | 17,691,254 | 18,727,218 | 18,478,921 | 16,058,949 |
| OPERATING AND MAINTENANCE EXPENSES.          | 10,422,532 | 10,005,314 | 10,343,855 | 10,961,093 | 8,979,697  |
| Net Operating Income.....                    | 8,216,345  | 7,685,940  | 8,383,363  | 7,517,828  | 7,079,252  |
| MISCELLANEOUS CREDITS (NET).....             | 1,182,838  | 1,063,657  | 936,703    | 808,525    | 302,954    |
| Total Income.....                            | 9,399,183  | 8,749,597  | 9,320,066  | 8,326,353  | 6,776,298  |
| INTEREST DUE PUBLIC.....                     | —          | 58         | 175        | 19,657     | 33,572     |
| OTHER INCOME REQUIREMENTS—<br>Provision for— | 9,399,183  | 8,749,539  | 9,319,891  | 8,306,696  | 6,742,726  |
| Replacement of Capital Assets..              | 2,592,856  | 2,507,753  | 2,476,102  | 2,479,109  | 1,952,879  |
| Interest due Government.....                 | 5,629,122  | 5,486,597  | 5,364,774  | 5,322,116  | 5,273,226  |
|  | 8,221,978  | 7,994,350  | 7,840,876  | 7,801,225  | 7,226,105  |
| Net Income Surplus or Deficit...             | 1,177,205  | 755,189    | 1,479,015  | 505,471    | 483,379    |

## PRESCOTT, PORT COLBORNE AND CHURCHILL

Combined earnings of the grain elevators at Prescott and Port Colborne and the harbour of Churchill were somewhat less favourable than in 1954.

Operating income amounted to \$2,544,841 in 1955, as compared with \$2,567,417 in the previous year.

Operating and maintenance expenses increased from \$1,514,170 in 1954 to \$1,637,764 in 1955.

The three units showed a net income surplus of \$844,658, as compared with \$1,036,924 in 1954. Their accounts carry charges for interest only on outstanding advances for capital expenditures since their transfer to the Board in 1937—not on the original capital. Nor is provision made for reserve for replacement of capital assets, except a relatively small amount in respect of furniture and small plant.

The following is a consolidated income statement for these facilities for 1955, showing also comparative figures for the preceding four years:



## INCOME STATEMENT

Prescott and Port Colborne Elevators and Harbour of Churchill

|                                      | 1955      | 1954      | 1953      | 1952      | 1951      |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                      | \$        | \$        | \$        | \$        | \$        |
| OPERATING INCOME.....                | 2,544,841 | 2,567,417 | 2,304,800 | 1,819,772 | 1,316,108 |
| OPERATING AND MAINTENANCE EXPENSES.. | 1,637,764 | 1,514,170 | 1,359,393 | 1,226,724 | 1,017,869 |
| Net Operating Income.....            | 907,077   | 1,053,247 | 945,407   | 593,048   | 298,239   |
| MISCELLANEOUS CREDITS (Net).....     | 9,689     | 12,936    | 9,811     | 5,586     | 8,392     |
| Total Income.....                    | 897,388   | 1,066,183 | 955,218   | 587,462   | 306,631   |
| OTHER INCOME REQUIREMENTS—           |           |           |           |           |           |
| Provision for—                       |           |           |           |           |           |
| Replacement of Capital Assets..      | 3,227     | 3,106     | 2,428     | 2,125     | 1,957     |
| Interest due Government.....         | 49,503    | 26,153    | 25,291    | 24,980    | 15,951    |
|                                      | 52,730    | 29,259    | 27,719    | 27,105    | 17,908    |
| Net Income Surplus.....              | 844,658   | 1,036,924 | 927,499   | 560,357   | 288,723   |

The following statistical record is submitted showing operating revenues, operating expenses and operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                   |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|-------------------|------|---------------------|-----------------------|----------------------------|
|                   |      | \$                  | \$                    | \$                         |
| Halifax.....      | 1951 | 1,338,348           | 1,044,779             | 293,569                    |
|                   | 1952 | 1,606,576           | 1,251,530             | 355,046                    |
|                   | 1953 | 1,671,954           | 1,224,866             | 447,088                    |
|                   | 1954 | 1,665,862           | 1,208,840             | 457,022                    |
|                   | 1955 | 1,988,469           | 1,363,173             | 625,296                    |
| Saint John.....   | 1951 | 728,648             | 576,255               | 152,393                    |
|                   | 1952 | 906,517             | 661,184               | 245,333                    |
|                   | 1953 | 864,760             | 697,702               | 167,058                    |
|                   | 1954 | 755,026             | 743,135               | 11,891                     |
|                   | 1955 | 875,819             | 845,450               | 30,369                     |
| Chicoutimi.....   | 1951 | 82,416              | 29,185                | 53,231                     |
|                   | 1952 | 86,450              | 26,037                | 60,413                     |
|                   | 1953 | 94,202              | 49,680                | 44,522                     |
|                   | 1954 | 101,304             | 29,523                | 71,781                     |
|                   | 1955 | 105,651             | 33,150                | 72,501                     |
| Quebec.....       | 1951 | 1,415,577           | 1,217,085             | 198,492                    |
|                   | 1952 | 1,722,137           | 2,130,402             | 408,265*                   |
|                   | 1953 | 1,829,632           | 1,447,599             | 382,033                    |
|                   | 1954 | 1,771,347           | 1,376,327             | 395,020                    |
|                   | 1955 | 1,908,450           | 1,368,339             | 540,111                    |
| Three Rivers..... | 1951 | 296,923             | 37,168                | 259,755                    |
|                   | 1952 | 336,628             | 63,584                | 273,044                    |
|                   | 1953 | 320,823             | 83,040                | 237,783                    |
|                   | 1954 | 344,180             | 52,668                | 291,512                    |
|                   | 1955 | 349,418             | 74,556                | 274,862                    |
| Montreal.....     | 1951 | 7,478,227           | 4,053,329             | 3,424,898                  |
|                   | 1952 | 8,692,656           | 4,567,823             | 4,124,833                  |
|                   | 1953 | 9,064,500           | 4,945,382             | 4,119,118                  |
|                   | 1954 | 8,166,370           | 4,609,110             | 3,557,260                  |
|                   | 1955 | 8,308,616           | 4,680,740             | 3,627,876                  |

\* Deficit

|  |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|--|------|---------------------|-----------------------|----------------------------|
|  |      | \$                  | \$                    | \$                         |
| Jacques Cartier Bridge (Montreal)..... | 1951 | 1,413,381           | 168,165               | 1,245,216                  |
|  | 1952 | 1,599,684           | 197,162               | 1,402,522                  |
|  | 1953 | 1,734,087           | 206,563               | 1,527,524                  |
|  | 1954 | 1,811,523           | 220,917               | 1,590,606                  |
|  | 1955 | 2,100,393           | 233,000               | 1,867,393                  |
| Prescott.....                          | 1951 | 276,544             | 159,139               | 117,405                    |
|  | 1952 | 479,079             | 208,977               | 270,102                    |
|  | 1953 | 635,565             | 249,378               | 386,187                    |
|  | 1954 | 1,035,271           | 397,744               | 637,527                    |
|  | 1955 | 995,449             | 430,200               | 565,249                    |
| Port Colborne.....                     | 1951 | 630,423             | 394,843               | 235,580                    |
|  | 1952 | 860,348             | 485,315               | 375,033                    |
|  | 1953 | 1,048,208           | 565,268               | 482,940                    |
|  | 1954 | 799,384             | 493,400               | 305,984                    |
|  | 1955 | 766,666             | 496,958               | 269,708                    |
| Churchill.....                         | 1951 | 409,141             | 463,887               | 54,746*                    |
|  | 1952 | 480,345             | 532,432               | 52,087*                    |
|  | 1953 | 621,027             | 544,747               | 76,280                     |
|  | 1954 | 732,762             | 623,026               | 109,736                    |
|  | 1955 | 782,726             | 710,606               | 72,120                     |
| Vancouver.....                         | 1951 | 3,305,429           | 1,853,730             | 1,451,699                  |
|  | 1952 | 3,528,272           | 2,063,370             | 1,464,902                  |
|  | 1953 | 3,147,259           | 1,689,025             | 1,458,234                  |
|  | 1954 | 3,075,642           | 1,764,794             | 1,310,848                  |
|  | 1955 | 3,002,061           | 1,824,124             | 1,177,937                  |
| All Units.....                         | 1951 | 17,375,059          | 9,997,566             | 7,377,493                  |
|  | 1952 | 20,298,693          | 12,187,817            | 8,110,876                  |
|  | 1953 | 21,032,018          | 11,703,248            | 9,328,770                  |
|  | 1954 | 20,258,671          | 11,519,484            | 8,739,187                  |
|  | 1955 | 21,183,718          | 12,060,296            | 9,123,422                  |

\* Deficits.

## CAPITAL EXPENDITURES

Major construction projects completed or in progress during 1955 included new or improved wharves at Halifax, Quebec and Montreal; transit sheds at Halifax, Saint John and Montreal; replacement in steel of a wooden grain gallery at Halifax; enlargement of grain elevator at Churchill; installation of grain elevator equipment at Vancouver; and the provision of an additional traffic lane on Jacques Cartier bridge. Uncompleted work at the end of the year on major contracts amounted to upwards of \$8,000,000.

Expenditures on capital account in 1955 totalled \$4,853,915. Of this amount, \$4,382,300 has been or will be financed by advances from the Government, bearing interest at  $3\frac{1}{4}\%$  per annum; \$123,643 was provided from replacement funds; and \$347,972 from revenue.

The distribution of capital expenditures, by places, is as follows:

## Capital—

|                    |    |           |           |
|--------------------|----|-----------|-----------|
| Halifax.....       | \$ | 955,329   |           |
| Saint John.....    |    | 519,338   |           |
| Quebec.....        |    | 324,707   |           |
| Three Rivers.....  |    | 16,856    |           |
| Montreal.....      |    | 1,363,999 |           |
| Prescott.....      |    | 5,640     |           |
| Port Colborne..... |    | 2,047     |           |
| Churchill.....     |    | 1,174,538 |           |
| Vancouver.....     |    | 19,846\$  | 4,382,300 |

*Replacement of Capital Assets—*

|                 |        |         |
|-----------------|--------|---------|
| Halifax.....    | 68,544 |         |
| Saint John..... | 17,148 |         |
| Quebec.....     | 1,313  |         |
| Montreal.....   | 36,638 | 123,643 |

*From Harbour Revenues—*

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Jacques Cartier Bridge..... | 229,442 |                     |
| Vancouver.....              | 118,530 | 347,972             |
|                             |         | <u>\$ 4,853,915</u> |

The book value of capital assets as at December 31, 1955, was \$250,255,507.

During the year consideration was given to the extensive changes and additions which will be required at the grain elevators at Montreal and Quebec to enable them to serve the grain traffic effectively on the completion of the St. Lawrence Seaway. Plans which involve provision for more rapid unloading, additional storage capacity and increased loading capacity have been in course of preparation for some months and the first stages of the work will be contracted for in 1956.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1955 and also the amounts paid to the Treasury from Board funds:

*Amounts Required from Government—*

|                           |                     |
|---------------------------|---------------------|
| Capital expenditures..... | <u>\$ 4,382,300</u> |
|---------------------------|---------------------|

*Amounts Paid to Government—*

|                             |                     |
|-----------------------------|---------------------|
| Interest on Advances.....   | 3,198,966           |
| Surplus earnings (1954)—    |                     |
| Prescott Elevator.....      | \$ 644,028          |
| Port Colborne Elevator..... | 281,585             |
|                             | <u>925,613</u>      |
| Repayment of advances.....  | 1,930,625           |
|                             | <u>\$ 6,055,204</u> |

## RESERVE FUNDS

As at December 31, 1955, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$45,380,707, the increase in the year being \$3,703,838.

The reserves consist of cash on deposit with the Receiver General, \$927,415, and investments in authorized securities, book value \$44,489,626, market value \$43,523,454, (less accounts payable \$36,334). In addition, miscellaneous funds were held in the amount of \$74,767, represented by cash on deposit with the Receiver General, \$10,746, and authorized investments, book value \$64,021, market value \$62,463.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$741,565 book value, market value \$735,474.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1955, and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

---

C. P. Buckley, special assistant to the Board and formerly its secretary, retired on pension after over fifty years of public service. He had been in the employ of the Board since its inception in 1936. The Board regrets losing the services of this diligent and competent official.

Respectfully submitted,

B. J. ROBERTS,

*Chairman.*

M. ARCHER,

*Vice-Chairman.*

E. J. ALTON,

C. H. MALCOLM,

*Members.*

T. M. BRYSON,

*Secretary.*





DEFERRED CHARGES—  
(Unamortized balance of bond discount and redemption expense—  
Jacques Cartier Bridge).....

848,450

PRELIMINARY CAPITAL EXPENSES.....

191,160

DEBIT BALANCES IN SUSPENSE.....

36,634

CAPITAL ASSETS—

(at cost or estimated cost)

|  |            |
|--|------------|
| Harbour Dredging.....                          | 12,212,253 |
| Real Estate.....                               | 12,400,783 |
| Vehicular Bridges.....                         | 201,976    |
| Roads, Fences and Boundaries.....              | 2,188,578  |
| Sewers and Drains.....                         | 820,429    |
| Miscellaneous Structures.....                  | 737,192    |
| Wharves and Piers.....                         | 97,804,794 |
| Permanent Sheds.....                           | 27,779,953 |
| Shed Hoists and Electric Cranes.....           | 406,545    |
| Railway System.....                            | 6,695,552  |
| Grain Elevator System.....                     | 47,731,085 |
| Cold Storage System.....                       | 6,144,129  |
| Office Furniture and Appliances.....           | 2,239,059  |
| Harbour Buildings.....                         | 2,491,375  |
| Central Heating Plants.....                    | 126,383    |
| Harbour Shops.....                             | 309,983    |
| Electric Power System.....                     | 1,392,507  |
| Water Supply System.....                       | 1,027,504  |
| Floating Equipment.....                        | 2,191,457  |
| Shore Equipment.....                           | 937,454    |
| Miscellaneous Small Plant.....                 | 683,126    |
| Engineering—General Surveys.....               | 109,441    |
| Works under Construction.....                  | 2,232,852  |
| Sundry Expenditure—Undistributed.....          | 3,769,450  |
| Bridge Construction and Right-of-Way, etc..... | 18,611,649 |

250,255,507

\$307,010,964

Certified Correct:  
ROGER ST-JEAN  
Assistant Secretary

Approved:  
B. J. ROBERTS  
Chairman

|   |                   |
|---|-------------------|
| Deduct: Deficit—  |                   |
| Balance as at Jan. 1, 1955.....   | 63,027,818        |
| Add: Prior Years' Adjustments....   | 88,805            |
| Payment to Receiver General<br>of Canada in respect of 1954<br>earnings of Prescott and Port<br>Colborne Elevators..... | 925,613           |
|   | <u>64,042,236</u> |

|   |                   |
|---|-------------------|
| Less: Net Income Surplus for the<br>year ended Dec. 31, 1955 per<br>statement of Income and<br>Expense..... | 2,021,863         |
|   | <u>62,020,373</u> |

303,078,954

\$307,010,964

Certified in accordance with my report dated March 27, 1956 to the Minister  
of Transport, under Section 87 of the Financial Administration Act.

WATSON SELLAR

*Auditor General of Canada*

## NATIONAL HARBOURS BOARD

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

## OPERATING INCOME—

## Harbours—

|                       |            |              |
|-----------------------|------------|--------------|
| Harbour Dues.....     | \$ 349,872 |              |
| Cargo Rates.....      | 434,434    |              |
| Handling.....         | 829,873    |              |
| Property Rentals..... | 426,533    |              |
| Miscellaneous.....    | 31,059     |              |
|                       | <hr/>      | \$ 2,071,771 |

## Wharves and Piers—

|                           |           |           |
|---------------------------|-----------|-----------|
| Top Wharfage.....         | 4,391,802 |           |
| Dockage and Berthage..... | 1,189,685 |           |
| Wharf Space Rentals.....  | 561,109   |           |
| Miscellaneous.....        | 65,255    |           |
|                           | <hr/>     | 6,207,851 |

## Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 3,418,973 |           |
| Storage.....       | 2,455,387 |           |
| Rentals.....       | 448,873   |           |
| Miscellaneous..... | 351,463   |           |
|                    | <hr/>     | 6,674,696 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 712,174 |         |
| Miscellaneous..... | 273,964 |         |
|                    | <hr/>   | 986,138 |

## Permanent Sheds—

|                    |         |           |
|--------------------|---------|-----------|
| Shed Rentals.....  | 805,062 |           |
| Storage.....       | 192,977 |           |
| Miscellaneous..... | 117,748 |           |
|                    | <hr/>   | 1,115,787 |

|                        |           |  |
|------------------------|-----------|--|
| Bridge—Tolls, etc..... | 2,100,393 |  |
|------------------------|-----------|--|

|                     |           |  |
|---------------------|-----------|--|
| Railway System..... | 1,001,141 |  |
|---------------------|-----------|--|

|                             |           |              |
|-----------------------------|-----------|--------------|
| Miscellaneous Services..... | 1,025,941 |              |
|                             | <hr/>     | \$21,183,718 |

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

OPERATING INCOME— (from previous page) \$ 21,183,718

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                      |
|---|----------------------|
| Harbours (including dredging \$308,242; handling, \$750,311)... | \$ 2,302,114         |
| Wharves and Piers.....  | 610,525              |
| Grain Elevator System.....                                      | 3,642,024            |
| Cold Storage System.....  | 846,835              |
| Permanent Sheds.....  | 964,731              |
| Bridge.....   | 201,278              |
| Railway System.....   | 929,262              |
| Miscellaneous Services.....                                     | 1,129,652            |
|   | <u>\$ 10,626,421</u> |

## Administrative—

|   |                   |
|---|-------------------|
| Salaries of Board Members and Executive Officers.....     | 78,809            |
| Other Salaries.....                                       | 652,708           |
| Contribution to Public Service Superannuation Account.... | 422,988           |
| Office Expenses.....                                      | 93,786            |
| Miscellaneous.....  | 185,584           |
|   | <u>1,433,875</u>  |
|   | <u>12,060,296</u> |

NET OPERATING INCOME..... 9,123,422

## ADD OTHER INCOME—

|  |                   |
|--|-------------------|
| Income from investments (less \$116,335 transferred to Reserve Funds)..... | 1,236,471         |
| Miscellaneous.....   | 60,394            |
|  | <u>1,296,865</u>  |
|  | <u>10,420,287</u> |

## DEDUCT SPECIAL CHARGES—

|  |                  |
|--|------------------|
| Provision for interest on Loans and Advances.....              | 5,678,625        |
| Provision for Replacement of Capital Assets.....               | 2,596,083        |
| Provision for Doubtful Accounts.....                           | 5,454            |
| Amortization of Bond Discount and Bond Redemption Expense..... | 61,334           |
| Other.....   | 56,928           |
|  | <u>8,398,424</u> |

NET INCOME SURPLUS.....\$ 2,021,863



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL'S OFFICE  
OTTAWA, March 27, 1956.

The Honourable G. C. Marler,  
Minister of Transport,  
Ottawa.

SIR.—The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1955, and a set of the financial statements is attached.

Included in the amount of \$1,869,367 shown for accounts receivable in the Balance Sheet, is an amount of \$114,049 for a claim against an occupier of warehouse sheds, for damage to the sheds by fire in December 1948. The claim is the subject of continuing litigation.

In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion, subject to the foregoing observation:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense, give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

WATSON SELLAR  
*Auditor General.*

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 17,000 linear feet of berthing, which provide 23 deepsea berths and 7 berths for coastal or other vessels. There are 18 transit sheds with an aggregate floor area of about 1,306,000 square feet. In addition, the Board operates a 4,152,000-bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour and a marine tower with an unloading capacity of 15,000 bushels per hour; also a cold storage terminal warehouse, with about 1,719,000 cubic feet of storage space, completely fitted with freezing, storing, and packing equipment, and ample rail connections.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 2,946                   | 6,273,417                    |
| 1954.....          | 2,922                   | 5,682,229                    |
| 1953.....          | 3,076                   | 5,614,067                    |
| 1952.....          | 3,122                   | 5,711,444                    |
| 1951.....          | 3,094                   | 5,231,021                    |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 2,931                   | 6,232,369                    |
| 1954.....          | 2,929                   | 5,720,849                    |
| 1953.....          | 3,063                   | 5,595,211                    |
| 1952.....          | 3,126                   | 5,724,235                    |
| 1951.....          | 3,087                   | 5,206,807                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|  | 1955              |                        | 1954              |                        |
|--|-------------------|------------------------|-------------------|------------------------|
|  | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                     |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....               | 1,572             | 6,094,350              | 1,414             | 5,499,817              |
| Coastal or inland commercial (including fishery).... | 1,346             | 155,542                | 1,468             | 163,042                |
| Other.....   | 28                | 23,525                 | 40                | 19,370                 |
| Total.....   | 2,946             | 6,273,417              | 2,922             | 5,682,229              |
| <i>Departures—</i>                                   |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....               | 1,559             | 6,054,220              | 1,431             | 5,539,566              |
| Coastal or inland commercial (including fishery).... | 1,343             | 154,143                | 1,457             | 161,460                |
| Other.....   | 29                | 24,006                 | 41                | 19,823                 |
| Total.....   | 2,931             | 6,232,369              | 2,929             | 5,720,849              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1955.....        | 2,340,236 | 1,732,163 | 4,072,399 |
| 1954.....        | 2,048,550 | 664,666   | 2,713,216 |
| 1953.....        | 2,161,694 | 840,731   | 3,002,425 |
| 1952.....        | 2,171,826 | 823,863   | 2,995,689 |
| 1951.....        | 1,828,553 | 622,683   | 2,451,236 |
| <i>Domestic—</i> |           |           |           |
| 1955.....        | 395,763   | 1,150,907 | 1,546,670 |
| 1954.....        | 306,795   | 949,086   | 1,255,881 |
| 1953.....        | 329,701   | 1,070,590 | 1,400,291 |
| 1952.....        | 406,958   | 1,143,355 | 1,550,313 |
| 1951.....        | 467,713   | 959,326   | 1,427,039 |
| <i>Total—</i>    |           |           |           |
| 1955.....        | 2,735,999 | 2,883,070 | 5,619,069 |
| 1954.....        | 2,355,345 | 1,613,752 | 3,969,097 |
| 1953.....        | 2,491,395 | 1,911,321 | 4,402,716 |
| 1952.....        | 2,578,784 | 1,967,218 | 4,546,002 |
| 1951.....        | 2,296,266 | 1,582,009 | 3,878,275 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

# CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

Basin: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil, fuel | Petroleum<br>Oil, crude | Gypsum,<br>crude | Gasoline | Grain   | Fish<br>(including<br>Shell-fish,<br>dried,<br>pickled,<br>salted or<br>smoked) | Coal,<br>bituminous | Flour,<br>wheat | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Fertilizers<br>and<br>Fertilizer<br>Materials |
|------------------|------------------------|-------------------------|------------------|----------|---------|---|---------------------|-----------------|---|--|---|
| <i>Foreign—</i>  |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| Inward—          |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 788,291                | 1,039,118               | .....            | 181,710  | 1,026   | 1,116   | .....               | 137             | 149   | 353  | 12,523  |
| 1954.....        | 492,909                | 1,030,051               | .....            | 233,242  | 30      | 1,431   | .....               | 28              | 807   | 86   | 12,514  |
| Outward—         |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 1,707                  | .....                   | 651,168          | .....    | 450,706 | 68,839  | .....               | 84,872          | 59,271  | 77,851   | 33,259  |
| 1954.....        | 3,918                  | .....                   | .....            | 1,052    | 142,310 | 62,484  | 3                   | 108,418         | 72,473  | 54,502   | 73  |
| <i>Domestic—</i> |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| Inward—          |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 4,639                  | .....                   | .....            | 201,530  | .....   | 36,771  | 103,081             | .....           | 1,058   | .....  | 20  |
| 1954.....        | 32,961                 | .....                   | .....            | 101,652  | 30      | 35,023  | 85,997              | 147             | 453   | .....  | 108   |
| Outward—         |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 714,374                | .....                   | 33,771           | 210,209  | 1,019   | 524   | .....               | 3,885           | 18,505  | .....  | 2,544   |
| 1954.....        | 613,944                | .....                   | .....            | 191,377  | 2,023   | 123   | .....               | 5,510           | 14,296  | .....  | 2,673   |
| <i>Totals—</i>   |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| Inward—          |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 792,930                | 1,039,118               | .....            | 383,240  | 1,026   | 37,887  | 103,081             | 137             | 1,207   | 353  | 12,543  |
| 1954.....        | 525,870                | 1,030,051               | .....            | 336,894  | 60      | 36,454  | 85,997              | 175             | 1,260   | 86   | 12,622  |
| Outward—         |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 716,081                | .....                   | 684,939          | 210,209  | 451,725 | 69,363  | .....               | 88,757          | 77,776  | 77,851   | 35,803  |
| 1954.....        | 617,862                | .....                   | .....            | 192,429  | 144,333 | 62,607  | 3                   | 113,928         | 86,769  | 54,502   | 2,746   |
| <i>Total—</i>    |                        |                         |                  |          |         |   |                     |                 |   |  |   |
| 1955.....        | 1,509,011              | 1,039,118               | 684,939          | 593,449  | 452,751 | 107,250   | 103,081             | 88,894          | 78,983  | 78,204   | 48,346  |
| 1954.....        | 1,143,732              | 1,030,051               | .....            | 529,323  | 144,393 | 99,061  | 86,000              | 114,103         | 88,029  | 54,588   | 15,268  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Rubber, crude (including Latex) | Cement, common or portland | Copper Concentrates, Matte and Ore | Motor Vehicles and Parts | Fish (including Shell-fish), fresh or frozen | Paper, newsprint | Vegetable Oils | Potatoes | Coal, anthracite | Kerosene | Explosives, including Fuses and Blasting Caps |
|------------------|---------------------------------|----------------------------|------------------------------------|--------------------------|--|------------------|----------------|----------|------------------|----------|---|
| <i>Foreign—</i>  |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| Inward—          |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 42,586                          | 24,796                     | 478                                | 15,056                   | .....  | .....            | 28,764         | .....    | 25,327           | 17,387   | 1,457   |
| 1954.....        | 38,517                          | 10,379                     | .....                              | 16,116                   | .....  | .....            | 22,438         | ..... 1  | 28,794           | 13,265   | 341   |
| Outward—         |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 5,592                           | 3,636                      | 35,097                             | 10,447                   | 65   | 30,312           | .....          | 21,916   | 60               | .....    | 16,309  |
| 1954.....        | 3,952                           | 63                         | 30,953                             | 3,234                    | 4  | 27,862           | 977            | 27,506   | 50               | ..... 8  | 5,137   |
| <i>Domestic—</i> |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| Inward—          |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | .....                           | 9,169                      | .....                              | 264                      | 30,441                                       | .....            | .....          | .....    | .....            | .....    | .....   |
| 1954.....        | .....                           | 12,267                     | .....                              | 238                      | 31,879                                       | 50               | .....          | .....    | .....            | .....    | .....   |
| Outward—         |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 29                              | 974                        | .....                              | 9,000                    | .....  | .....            | .....          | 4,085    | 82               | 5,386    | 5   |
| 1954.....        | 20                              | 1,280                      | .....                              | 5,919                    | 143  | 33               | 43             | 3,498    | 126              | 5,872    | 6   |
| <i>Totals—</i>   |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| Inward—          |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 42,586                          | 33,965                     | 478                                | 15,320                   | 30,441                                       | .....            | 28,764         | .....    | 25,327           | 17,387   | 1,457   |
| 1954.....        | 38,517                          | 22,646                     | .....                              | 16,354                   | 31,879                                       | 50               | 22,438         | ..... 1  | 28,794           | 13,265   | 341   |
| Outward—         |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 5,621                           | 4,610                      | 35,097                             | 19,447                   | 65   | 30,312           | .....          | 26,001   | 142              | 5,386    | 16,314  |
| 1954.....        | 3,972                           | 1,343                      | 30,953                             | 9,153                    | 147  | 27,895           | 1,020          | 31,004   | 176              | 5,880    | 5,143   |
| <i>Total—</i>    |                                 |                            |                                    |                          |  |                  |                |          |                  |          |   |
| 1955.....        | 48,207                          | 38,575                     | 35,575                             | 34,767                   | 30,506                                       | 30,312           | 28,764         | 26,001   | 25,469           | 22,773   | 17,771  |
| 1954.....        | 42,489                          | 23,989                     | 30,953                             | 25,507                   | 32,026                                       | 27,945           | 23,458         | 31,005   | 28,970           | 19,145   | 5,484   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Salt   | Logs,<br>Masts,<br>Piling,<br>Pilprops,<br>Poles,<br>Posts,<br>Spars and<br>Ties<br>(railway) | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Iron or<br>Steel,<br>scrap | Feed,<br>animal<br>or<br>poultry,<br>not<br>otherwise<br>specified | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Tea    | Oil Cake<br>and<br>Oil-cake<br>Meal | Fruits,<br>dried | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate |
|------------------|--------|---|---|----------------------------|--|--|--------|-------------------------------------|------------------|---|
| <i>Foreign—</i>  |        |   |   |                            |  |  |        |                                     |                  |   |
| Inward—          | 12,878 |   |   | 14                         | 193  | 199  | 10,088 | 49                                  | 6,384            | 3,721   |
| 1955.....        | 9,625  |   |   |                            |  | 79   | 8,658  |                                     | 5,080            | 3,107   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| Outward—         | 53     | 9,957   | 11,556  | 12,190                     | 5,462  | 10,297   | 7      | 9,991                               | 1,706            | 3,218   |
| 1955.....        | 61     | 6,931   | 10,565  | 10,352                     | 3,206  | 8,798  | 7      | 7,687                               | 16               | 442   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| <i>Domestic—</i> |        |   |   |                            |  |  |        |                                     |                  |   |
| Inward—          | 793    | 595   |   |                            |  | 27   | 1      | 30                                  | 18               |   |
| 1955.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| Outward—         | 858    | 2,900   | 862   | 89                         | 6,148  | 104  | 110    | 9                                   | 101              | 1,216   |
| 1955.....        | 1,138  | 1,315   | 964   |                            | 6,448  | 141  | 209    |                                     | 120              | 1,378   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| <i>Totals—</i>   |        |   |   |                            |  |  |        |                                     |                  |   |
| Inward—          | 13,671 | 595   |   | 14                         | 193  | 199  | 10,088 | 79                                  | 6,384            | 3,721   |
| 1955.....        | 9,625  |   |   |                            |  | 106  | 8,659  |                                     | 5,098            | 3,107   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| Outward—         | 911    | 12,857  | 12,418  | 12,279                     | 11,610   | 10,401   | 117    | 10,000                              | 1,807            | 4,434   |
| 1955.....        | 1,199  | 8,246   | 11,529  | 10,352                     | 9,714  | 8,939  | 216    | 7,687                               | 136              | 1,820   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |
| Total—           | 14,582 | 12,857  | 12,418  | 12,293                     | 11,803   | 10,600   | 10,205 | 10,079                              | 8,191            | 8,155   |
| 1955.....        | 10,824 | 8,841   | 11,529  | 10,352                     | 9,714  | 9,045  | 8,875  | 7,687                               | 5,234            | 4,927   |
| 1954.....        |        |   |   |                            |  |  |        |                                     |                  |   |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Apples | Wood-<br>pulp | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Calcium<br>Carbide | Vegetables,<br>fresh,<br>not<br>otherwise<br>specified | Glass<br>and<br>Glass<br>Manu-<br>factures | Meats,<br>canned,<br>cured,<br>prepared or<br>preserved | Hay and<br>Straw | Fruits<br>and Fruit<br>Products<br>(including<br>Juices)<br>not<br>otherwise<br>specified | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--------|---------------|--|--------------------|--|--|---|------------------|---|---|-----------|
| <i>Foreign—</i>  |        |               |  |                    |  |  |   |                  |   |   |           |
| Inward—          |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 5      | 155           | 16   | .....              | 2,965  | 5,070                                      | 1,652   | .....            | 3,642   | 112,931                                       | 2,340,236 |
| 1954.....        | .....  | 2,623         | 4  | .....              | 935  | 4,228                                      | 956   | .....            | 2,366   | 107,940                                       | 2,048,550 |
| Outward—         |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 6,370  | 7,586         | 7,200  | 7,316              | 1,712  | 28   | 3,408   | 595              | 1,072   | 81,332  | 1,732,163 |
| 1954.....        | 1,151  | 7,719         | 6,737  | 748                | 1,636  | 6  | 2,725   | 484              | 750   | 49,606  | 664,666   |
| <i>Domestic—</i> |        |               |  |                    |  |  |   |                  |   |   |           |
| Inward—          |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | .....  | .....         | .....  | .....              | .....  | 827  | 307   | .....            | 2   | 6,831   | 395,763   |
| 1954.....        | .....  | .....         | .....  | .....              | .....  | .....                                      | 267   | .....            | 5   | 5,077   | 306,795   |
| Outward—         |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 1,452  | 28            | 206  | 40                 | 1,706  | 126  | 569   | 5,300            | 457   | 124,234                                       | 1,150,907 |
| 1954.....        | 1,595  | 18            | 219  | .....              | 2,768  | 23   | 864   | 6,408            | 686   | 77,906  | 949,086   |
| <i>Totals—</i>   |        |               |  |                    |  |  |   |                  |   |   |           |
| Inward—          |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 5      | 155           | 16   | .....              | 2,965  | 5,897                                      | 1,959   | .....            | 3,644   | 119,762                                       | 2,735,999 |
| 1954.....        | .....  | 2,623         | 4  | .....              | 935  | 4,228                                      | 1,223   | .....            | 2,371   | 113,017                                       | 2,355,345 |
| Outward—         |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 7,822  | 7,614         | 7,406  | 7,356              | 3,418  | 154  | 3,977   | 5,895            | 1,529   | 205,566                                       | 2,883,070 |
| 1954.....        | 2,746  | 7,737         | 6,956  | 748                | 4,404  | 29   | 3,589   | 6,892            | 1,436   | 127,512                                       | 1,613,752 |
| Total—           |        |               |  |                    |  |  |   |                  |   |   |           |
| 1955.....        | 7,827  | 7,769         | 7,422  | 7,356              | 6,383  | 6,051                                      | 5,936   | 5,895            | 5,173   | 325,328                                       | 5,619,069 |
| 1954.....        | 2,746  | 10,360        | 6,960  | 748                | 5,339  | 4,257                                      | 4,812   | 6,892            | 3,807   | 240,529                                       | 3,969,097 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1955.....         | 38,281 | 8,024    | 46,305  |
| 1954.....         | 50,914 | 9,126    | 60,040  |
| 1953.....         | 65,870 | 7,422    | 73,292  |
| 1952.....         | 80,014 | 6,758    | 86,772  |
| 1951.....         | 98,460 | 4,874    | 103,334 |
| <i>Coastwise—</i> |        |          |         |
| 1955.....         | 308    | 578      | 886     |
| 1954.....         | 218    | 417      | 635     |
| 1953.....         | 177    | 298      | 475     |
| 1952.....         | 22     | 39       | 61      |
| 1951.....         | 189    | 159      | 348     |
| <i>Total—</i>     |        |          |         |
| 1955.....         | 38,589 | 8,602    | 47,191  |
| 1954.....         | 51,132 | 9,543    | 60,675  |
| 1953.....         | 66,047 | 7,720    | 73,767  |
| 1952.....         | 80,036 | 6,797    | 86,833  |
| 1951.....         | 98,649 | 5,033    | 103,682 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1955.....         |            | 14,986,034 | 14,986,034 |
| 1954.....         |            | 4,270,924  | 4,270,924  |
| 1953.....         | 8,798      | 13,823,627 | 13,832,425 |
| 1952.....         | 74,683     | 10,172,923 | 10,247,606 |
| 1951.....         |            | 5,591,205  | 5,591,205  |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 15,104,849 | 15,317     | 15,120,166 |
| 1954.....         | 5,727,726  |            | 5,727,726  |
| 1953.....         | 14,597,743 |            | 14,597,743 |
| 1952.....         | 10,604,555 |            | 10,604,555 |
| 1951.....         | 6,210,547  |            | 6,210,547  |
| <i>Via other—</i> |            |            |            |
| 1955.....         |            | 28,790     | 28,790     |
| 1954.....         |            | 32,133     | 32,133     |
| 1953.....         |            | 36,394     | 36,394     |
| 1952.....         |            | 27,333     | 27,333     |
| 1951.....         |            | 363,927    | 363,927    |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 15,104,849 | 15,030,141 | 30,134,990 |
| 1954.....         | 5,727,726  | 4,303,057  | 10,030,783 |
| 1953.....         | 14,606,541 | 13,860,021 | 28,466,562 |
| 1952.....         | 10,679,238 | 10,200,256 | 20,879,494 |
| 1951.....         | 6,210,547  | 5,955,132  | 12,165,679 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$314,568. The main items were repairs to concrete piles at pier 2, renewal of the car dumper roof at the grain elevator, demolition of pier 4, removal of cargo chutes in shed 22, reconditioning of office space in shed 2, painting sections of the immigration quarters, filling in landing steps at various berths at Ocean terminals and cutting out and replacing concrete around railway tracks at pier 2.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,023,873, of which \$68,544 was provided from replacement fund. The principal items were:

*Construction of Transit Shed on Pier 9 Extension.*—A contract for the construction of a transit shed with attached brick office building on pier 9 extension was awarded to Fundy Construction Co. Ltd. in 1954. The shed is a steel frame structure, 550 feet by 120 feet, with corrugated aluminum siding. Twenty-five per cent of the work was done in 1954. The shed was completed and put in operation in 1955.

*Construction of Pier A-1.*—A contract was awarded to Foundation Maritime Limited in August for the construction of a reinforced concrete crib and fill type pier, 600 feet by 290 feet, at Ocean terminals. About 25 per cent of the work was done in 1955.

*Widening Marginal Road.*—A section of the marginal road at Ocean terminals was widened and paved and parking areas at sheds 21 and 22 were also paved. The laying of a 15 inch sewer was included in this project. The work was done under a contract awarded in September to Standard Paving Maritime Ltd.

*Construction of a Road to Pier 9 Extension.*—Municipal Spraying & Contracting Ltd. was awarded a contract in September for the construction of a paved road, 1,350 feet long by 22 feet wide, to serve pier 9 extension and the new transit shed. The contract was completed during the year.

*Reconstruction of Quay Wall, Ocean Terminals.*—The quay wall at Ocean terminals, 2,007 feet in length, was originally constructed in two levels, one four feet lower than the other. A contract was awarded in May to Walker & Hall Ltd. to raise the level of the lower section, and all work was completed in 1955.

*Reconstruction of Grain Gallery 101.*—Grain gallery 101, was rebuilt with steel framework and corrugated asbestos siding under a contract awarded to Foundation Maritime Ltd. in April. The gallery is 222 feet long and houses four conveyor belts.

*Additional Refrigeration Equipment for Cold Storage Plant.*—A contract was awarded to John Inglis Co. Ltd. in August 1954 for the supply and installation of refrigeration equipment to furnish refrigeration for the recently built addition to the cold storage plant. All equipment was installed but all tests and adjustments were not completed at the year end.

*Construction of Stevedores' Canteen & Restroom, Ocean Terminals.*—In 1954 a contract was awarded to Blunden Supplies for the erection, near shed 28, of a stevedores' canteen and restroom, 41 feet by 71 feet, of brick construction. About 70 per cent of the work was done in that year and the balance completed in 1955.

*Minor Items.*—These included the installation of oil burning equipment at pier B heating plant; the construction of a new office building in shed 27; the construction of a ramp to the east entrance of shed 27; painting the doors of sheds 21 and 22; the purchase of equipment for shed 9; fencing a storage area at the carpenter shop; the installation of washroom facilities between sheds 37 and 39; the installation of a pipe line for handling vegetable oil at shed 9; the insulation of a partition wall at the cold storage warehouse; installation of automatic grain samplers at the grain elevator and preliminary work on the installation of a water supply line to Pier 9.

### INCOME AND EXPENSE

Operating income amounted to \$1,988,469, as compared with \$1,665,862 in 1954, the increase being \$322,607. Earnings of the grain elevator and also the wharves showed substantial improvement. Operating and maintenance expenses increased by \$154,333, being \$1,363,173 in 1955, as compared with \$1,208,840 in 1954. Net operating income was \$625,296 in 1955, as against \$457,022 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net income deficit of \$80,759, as compared with a deficit of \$220,458 in 1954.





## HARBOUR OF HALIFAX

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

## OPERATING INCOME—

## Harbour—

|                       |           |        |
|-----------------------|-----------|--------|
| Harbour Dues.....     | \$ 49,206 |        |
| Property Rentals..... | 19,474    |        |
| Miscellaneous.....    | 164       |        |
|                       | <u>\$</u> | 68,844 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 524,578 |         |
| Dockage.....             | 141,017 |         |
| Wharf Space Rentals..... | 37,347  |         |
| Miscellaneous.....       | 409     |         |
|                          | <u></u> | 703,351 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 234,506 |         |
| Storage.....       | 317,429 |         |
| Rentals.....       | 127     |         |
| Miscellaneous..... | 12,478  |         |
|                    | <u></u> | 564,540 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 189,117 |         |
| Miscellaneous..... | 100,110 |         |
|                    | <u></u> | 289,227 |

## Permanent Sheds—

|                    |         |         |
|--------------------|---------|---------|
| Shed Rentals.....  | 148,911 |         |
| Storage.....       | 41,755  |         |
| Miscellaneous..... | 112,784 |         |
|                    | <u></u> | 303,450 |

|                             |           |           |
|-----------------------------|-----------|-----------|
| Miscellaneous Services..... | 59,057    |           |
|                             | <u>\$</u> | 1,988,469 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                             |         |           |
|-----------------------------|---------|-----------|
| Harbour.....                | 173,602 |           |
| Wharves and Piers.....      | 105,577 |           |
| Grain Elevator System.....  | 270,050 |           |
| Cold Storage System.....    | 285,768 |           |
| Permanent Sheds.....        | 296,968 |           |
| Miscellaneous Services..... | 77,133  |           |
|                             | <u></u> | 1,209,098 |

## Administrative—

|  |         |                  |
|--|---------|------------------|
| Salaries.....  | 66,747  |                  |
| Contribution to Public Service Superannuation Account..... | 34,711  |                  |
| Office Expenses.....                                       | 10,266  |                  |
| Other.....   | 42,351  |                  |
|  | <u></u> | 154,075          |
|  |         | <u>1,363,173</u> |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 625,296 |
|---------------------------|---------|

## ADD OTHER INCOME—

|   |         |                |
|---|---------|----------------|
| Income from investments (less \$6,921 applicable to Reserve Funds)..... | 176,120 |                |
| Miscellaneous.....  | 5,489   |                |
|   | <u></u> | 181,609        |
|   |         | <u>806,905</u> |

## DEDUCT SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for interest on Loans and Advances..... | 520,909 |         |
| Provision for Replacement of Capital Assets.....  | 363,623 |         |
| Provision for Doubtful Accounts.....              | 916     |         |
| Other.....  | 2,216   |         |
|   | <u></u> | 887,664 |

|                         |           |               |
|-------------------------|-----------|---------------|
| NET INCOME DEFICIT..... | <u>\$</u> | <u>80,759</u> |
|-------------------------|-----------|---------------|



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the North Shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deepsea berths and six berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 925,600 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,500,000 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 15-ton and one 65-ton floating cranes are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 1,454                   | 2,548,372                    |
| 1954.....          | 1,631                   | 2,633,413                    |
| 1953.....          | 1,628                   | 2,735,542                    |
| 1952.....          | 1,834                   | 2,656,227                    |
| 1951.....          | 1,719                   | 2,395,124                    |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 1,455                   | 2,553,310                    |
| 1954.....          | 1,637                   | 2,655,380                    |
| 1953.....          | 1,623                   | 2,729,146                    |
| 1952.....          | 1,845                   | 2,674,359                    |
| 1951.....          | 1,713                   | 2,397,132                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955              |                        | 1954              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 650               | 1,982,057              | 630               | 1,906,202              |
| Coastal or inland commercial (including fishery)..... | 778               | 546,503                | 979               | 720,667                |
| Other.....  | 26                | 19,812                 | 22                | 6,544                  |
| Total.....  | 1,454             | 2,548,372              | 1,631             | 2,633,413              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 650               | 1,986,065              | 633               | 1,928,089              |
| Coastal or inland commercial (including fishery)..... | 780               | 547,752                | 982               | 721,798                |
| Other.....  | 25                | 19,493                 | 22                | 5,493                  |
| Total.....  | 1,455             | 2,553,310              | 1,637             | 2,655,380              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1955.....        | 840,047   | 1,558,996 | 2,399,043 |
| 1954.....        | 781,334   | 939,571   | 1,720,905 |
| 1953.....        | 652,257   | 1,353,711 | 2,005,968 |
| 1952.....        | 571,382   | 1,629,027 | 2,200,409 |
| 1951.....        | 659,244   | 1,217,162 | 1,876,406 |
| <i>Domestic—</i> |           |           |           |
| 1955.....        | 313,146   | 114,339   | 427,485   |
| 1954.....        | 310,584   | 173,835   | 484,419   |
| 1953.....        | 347,677   | 121,213   | 468,890   |
| 1952.....        | 378,281   | 117,701   | 495,982   |
| 1951.....        | 369,485   | 111,674   | 481,159   |
| <i>Total—</i>    |           |           |           |
| 1955.....        | 1,153,193 | 1,673,335 | 2,826,528 |
| 1954.....        | 1,091,918 | 1,113,406 | 2,205,324 |
| 1953.....        | 999,934   | 1,474,924 | 2,474,858 |
| 1952.....        | 949,663   | 1,746,728 | 2,696,391 |
| 1951.....        | 1,028,729 | 1,328,836 | 2,357,565 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain   | Petroleum<br>Oil,<br>fuel | Sugar,<br>raw | Gasoline | Lumber<br>(Planks,<br>Boards<br>Flooring)<br>and Square<br>Timber | Flour,<br>wheat | Paper,<br>newsprint | Wood-pulp | Fertilizers<br>and<br>Fertilizer<br>Materials | Oil<br>Cake<br>and<br>Oil-cake<br>Meal | Pulpwood |
|------------------|---------|---------------------------|---------------|----------|---|-----------------|---------------------|-----------|---|--|----------|
| <i>Foreign—</i>  |         |                           |               |          |   |                 |                     |           |   |  |          |
| Inward—          |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        |         | 208,073                   | 207,635       | 87,754   | 101   | 4               |                     |           | 55,730  |  |          |
| 1954.....        | 2       | 172,252                   | 203,619       | 93,304   | 2,586   | 1               |                     |           | 48,430  |  |          |
| Outward—         |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        | 693,591 |                           |               |          | 121,457   | 115,032         | 108,903             | 61,738    | 728   | 57,351                                 | 52,011   |
| 1954.....        | 342,001 | 1,088                     | 93            |          | 93,814  | 110,455         | 72,825              | 62,044    | 455   | 16,666                                 | 17,036   |
| <i>Domestic—</i> |         |                           |               |          |   |                 |                     |           |   |  |          |
| Inward—          |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        |         | 182,106                   |               | 89,152   | 8,877   |                 |                     |           | 1,611   |  |          |
| 1954.....        |         | 169,223                   |               | 84,823   | 11,776  |                 |                     |           | 3,887   |  |          |
| Outward—         |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        |         | 26,161                    | 2,794         | 24,791   | 970   | 1,029           |                     |           | 172   | 772                                    |          |
| 1954.....        | 5,139   | 49,937                    |               | 50,598   | 331   | 2,454           |                     | 400       | 211   | 765                                    |          |
| <i>Totals—</i>   |         |                           |               |          |   |                 |                     |           |   |  |          |
| Inward—          |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        |         | 390,179                   | 207,635       | 176,906  | 8,978   | 4               |                     |           | 57,341  |  |          |
| 1954.....        | 2       | 341,475                   | 203,619       | 178,127  | 14,362  | 1               |                     |           | 52,317  |  |          |
| Outward—         |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        | 693,591 | 26,161                    | 2,794         | 24,791   | 122,427   | 116,061         | 108,903             | 61,738    | 900   | 58,123                                 | 52,011   |
| 1954.....        | 347,140 | 51,025                    | 93            | 50,598   | 94,145  | 112,909         | 72,825              | 62,444    | 666   | 17,431                                 | 17,036   |
| Total—           |         |                           |               |          |   |                 |                     |           |   |  |          |
| 1955.....        | 693,591 | 416,340                   | 210,429       | 201,697  | 131,405   | 116,065         | 108,903             | 61,738    | 58,241  | 58,123                                 | 52,011   |
| 1954.....        | 347,142 | 392,500                   | 203,712       | 228,725  | 108,507   | 112,910         | 72,625              | 62,949    | 52,983  | 17,431                                 | 17,036   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Motor<br>Vehicles<br>and<br>Parts | Iron or<br>Steel,<br>scrap | Potatoes | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>ingots,<br>or<br>slabs | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Glass<br>and<br>Glass<br>Manu-<br>factures | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Coal,<br>anthracite | Molasses | Machinery<br>and<br>Parts<br>(except<br>agricultural) |
|------------------|-----------------------------------|----------------------------|----------|---|---|--|--|--|---------------------|----------|---|
| <i>Foreign—</i>  |                                   |                            |          |   |   |  |  |  |                     |          |   |
| Inward—          |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 33,389                            | 4                          | .....    | .....   | 90  | 248  | 22,548                                     | 273  | 16,321              | 14,799   | 9,921   |
| 1954.....        | 49,850                            | 31                         | .....    | 560   | 623   | 841  | 10,637                                     | 122  | 8,941               | 15,678   | 8,386   |
| Outward—         |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 16,213                            | 44,245                     | 41,318   | 29,275  | 26,790  | 24,550   | 38   | 16,588   | .....               | .....    | 4,907   |
| 1954.....        | 13,253                            | 7,887                      | 33,617   | 22,813  | 12,736  | 22,990   | 2  | 7,328  | .....               | .....    | 3,382   |
| <i>Domestic—</i> |                                   |                            |          |   |   |  |  |  |                     |          |   |
| Inward—          |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 37                                | .....                      | .....    | .....   | .....   | .....  | 72   | 6  | .....               | .....    | 93  |
| 1954.....        | 7                                 | 5                          | .....    | .....   | .....   | .....  | 231  | .....  | .....               | .....    | 214   |
| Outward—         |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 466                               | .....                      | .....    | 112   | .....   | 56   | 651  | 85   | .....               | 770      | 112   |
| 1954.....        | 391                               | .....                      | .....    | .....   | 18  | 445  | 498  | 110  | .....               | 926      | 159   |
| <i>Totals—</i>   |                                   |                            |          |   |   |  |  |  |                     |          |   |
| Inward—          |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 33,426                            | 4                          | .....    | .....   | 90  | 248  | 22,620                                     | 279  | 16,321              | 14,799   | 10,014  |
| 1954.....        | 49,857                            | 36                         | .....    | 560   | 623   | 841  | 10,868                                     | 122  | 8,941               | 15,678   | 8,600   |
| Outward—         |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 16,679                            | 44,245                     | 41,318   | 29,275  | 26,790  | 24,606   | 689  | 16,673   | .....               | 770      | 5,019   |
| 1954.....        | 13,644                            | 7,887                      | 33,617   | 22,925  | 12,754  | 23,435   | 500  | 7,438  | .....               | 926      | 3,541   |
| Total—           |                                   |                            |          |   |   |  |  |  |                     |          |   |
| 1955.....        | 50,105                            | 44,249                     | 41,318   | 29,275  | 26,880  | 24,854   | 23,309                                     | 16,952   | 16,417              | 15,569   | 15,033  |
| 1954.....        | 63,501                            | 7,923                      | 33,617   | 23,485  | 13,377  | 24,276   | 11,368                                     | 7,560  | 9,012               | 16,604   | 12,141  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Logs, Masts, Piling, Phiprops, Poles, Posts, Spars and Ties (railway) | Iron or Steel, in billets, blooms, ingots, pigs, sheet bars or slabs | Jute and Jute Manu- factures | Tea    | Sulphur | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Strip and Tin Plate | Beverages, alcoholic | Iron or Steel Manu- factures not otherwise specified | Foodstuffs, canned or preserved, not otherwise specified | Ores and Concen- trates not otherwise specified | Paper not otherwise specified |
|------------------|---|--|------------------------------|--------|---------|---|----------------------|--|--|---|-------------------------------|
| <i>Foreign—</i>  |   |  |                              |        |         |   |                      |  |  |   |                               |
| Inward—          |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        |   | 225  | 11,481                       | 11,436 | 11,169  | 7,602   | 8,147                | 5,981  | 4,063  | 29  | 765                           |
| 1954.....        |   | 3,909  | 7,954                        | 9,271  | 7,850   | 4,234   | 9,031                | 9,766  | 2,034  | 737   | 672                           |
| Outward—         |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        | 12,900  | 13,468   | 1,732                        | 1      | .....   | 2,086   | 460                  | 3,149  | 430  | 7,989   | 4,646                         |
| 1954.....        | 10,067  | 91   | 1,015                        | 22     | .....   | 298   | 1,028                | 1,414  | 238  | 9,726   | 2,028                         |
| <i>Domestic—</i> |   |  |                              |        |         |   |                      |  |  |   |                               |
| Inward—          |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        |   | .....  | .....                        | 1      | .....   | 49  | .....                | 21   | 2,304  | .....   | 1,029                         |
| 1954.....        |   | 3  | 215                          | .....  | .....   | 5   | 104                  | 19   | 4,196  | 763   | 1,094                         |
| Outward—         |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        | 1,075   | .....  | .....                        | 529    | .....   | 162   | 946                  | 300  | 1,953  | .....   | 1,179                         |
| 1954.....        | 137   | .....  | 91                           | 410    | .....   | 272   | 1,093                | 122  | 1,411  | 68  | 1,234                         |
| <i>Totals—</i>   |   |  |                              |        |         |   |                      |  |  |   |                               |
| Inward—          |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        |   | 225  | 11,481                       | 11,437 | 11,169  | 7,651   | 8,147                | 6,002  | 6,367  | 29  | 1,794                         |
| 1954.....        |   | 3,912  | 8,169                        | 9,271  | 7,850   | 4,239   | 9,135                | 9,785  | 6,250  | 1,500   | 1,766                         |
| Outward—         |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        | 13,975  | 13,468   | 1,732                        | 530    | .....   | 2,248   | 1,406                | 3,449  | 2,383  | 7,989   | 5,825                         |
| 1954.....        | 10,204  | 91   | 1,106                        | 432    | .....   | 570   | 2,121                | 1,536  | 1,649  | 9,794   | 3,262                         |
| Total—           |   |  |                              |        |         |   |                      |  |  |   |                               |
| 1955.....        | 13,975  | 13,693   | 13,213                       | 11,967 | 11,169  | 9,899   | 9,553                | 9,451  | 8,750  | 8,018   | 7,619                         |
| 1954.....        | 10,204  | 4,003  | 9,275                        | 9,703  | 7,850   | 4,809   | 11,256               | 11,321   | 7,899  | 11,294  | 5,028                         |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | Sand<br>and<br>Gravel | Fruits,<br>dried | Sugar,<br>refined | Rubber<br>Manu-<br>factures | Fish<br>(including<br>Shell-fish),<br>dried,<br>pickled,<br>salted or<br>smoked | Pulpboard<br>(except<br>Wallboard) | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Electrical<br>Goods<br>not<br>otherwise<br>specified | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--|-----------------------|------------------|-------------------|-----------------------------|---|------------------------------------|--|--|---|-----------|
| <i>Foreign—</i>  |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| Inward—          |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 460  | 7,526                 | 4,664            | 6                 | 2,579                       | 462   | 29                                 | .....  | 3,434  | 103,099                                       | 840,047   |
| 1954.....        | 201  | 4,607                 | 5,262            | .....             | 789                         | 704   | .....                              | .....  | 552  | 94,815  | 781,334   |
| Outward—         |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 4,245  | .....                 | 2,611            | .....             | 273                         | 4,162   | 5,956                              | 5,953  | 2,257  | 71,044  | 1,558,996 |
| 1954.....        | 3,747  | .....                 | 42               | 7                 | 437                         | 4,801   | 1,210                              | 3,069  | 2,286  | 46,883  | 939,571   |
| <i>Domestic—</i> |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| Inward—          |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 2,784  | .....                 | 142              | .....             | 3,945                       | 1,894   | 12                                 | .....  | 19   | 19,891  | 313,146   |
| 1954.....        | 2,795  | 648                   | 389              | 125               | 4,113                       | 999   | .....                              | .....  | .....  | 20,991  | 310,584   |
| Outward—         |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 89   | .....                 | 15               | 7,269             | 69                          | .....   | 57                                 | .....  | 154  | 41,617  | 114,339   |
| 1954.....        | 183  | .....                 | 464              | 7,957             | 62                          | 96  | .....                              | .....  | .....  | 45,337  | 173,835   |
| <i>Totals—</i>   |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| Inward—          |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 3,244  | 7,526                 | 4,806            | 6                 | 6,524                       | 2,356   | 41                                 | .....  | 3,453  | 122,990                                       | 1,153,193 |
| 1954.....        | 2,996  | 5,255                 | 5,651            | 125               | 4,902                       | 1,703   | .....                              | .....  | 552  | 115,806                                       | 1,091,918 |
| Outward—         |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 4,334  | .....                 | 2,626            | 7,269             | 342                         | 4,162   | 6,013                              | 5,953  | 2,411  | 112,661                                       | 1,673,335 |
| 1954.....        | 3,630  | .....                 | 506              | 7,964             | 499                         | 4,897   | 1,210                              | 3,069  | 2,286  | 92,220  | 1,113,406 |
| <i>Total—</i>    |  |                       |                  |                   |                             |   |                                    |  |  |   |           |
| 1955.....        | 7,578  | 7,526                 | 7,432            | 7,275             | 6,866                       | 6,518   | 6,054                              | 5,953  | 5,864  | 235,651                                       | 2,826,528 |
| 1954.....        | 6,926  | 5,255                 | 6,157            | 8,089             | 5,401                       | 6,000   | 1,210                              | 3,069  | 2,838  | 208,026                                       | 2,205,324 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1955.....         | 2,567  | 1,532    | 4,099   |
| 1954.....         | 4,703  | 2,552    | 7,255   |
| 1953.....         | 6,738  | 3,261    | 9,999   |
| 1952.....         | 7,466  | 2,634    | 10,100  |
| 1951.....         | 8,538  | 2,544    | 11,082  |
| <i>Coastwise—</i> |        |          |         |
| 1955.....         | 50,594 | 49,599   | 100,193 |
| 1954.....         | 59,378 | 58,468   | 117,846 |
| 1953.....         | 57,995 | 56,589   | 114,584 |
| 1952.....         | 58,529 | 60,755   | 119,284 |
| 1951.....         | 55,154 | 52,117   | 107,271 |
| <i>Total—</i>     |        |          |         |
| 1955.....         | 53,161 | 51,131   | 104,296 |
| 1954.....         | 64,081 | 61,020   | 125,101 |
| 1953.....         | 64,733 | 59,850   | 124,583 |
| 1952.....         | 65,995 | 63,389   | 129,384 |
| 1951.....         | 63,692 | 54,661   | 118,353 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via Water—</i> |            |            |            |
| 1955.....         |            | 23,467,605 | 23,467,605 |
| 1954.....         |            | 11,544,590 | 11,544,590 |
| 1953.....         |            | 22,396,708 | 22,396,708 |
| 1952.....         |            | 15,905,880 | 15,905,880 |
| 1951.....         |            | 11,888,939 | 11,888,939 |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 23,300,679 | 18,856     | 23,319,535 |
| 1954.....         | 11,767,260 | 352,313    | 12,119,573 |
| 1953.....         | 22,615,248 | 31,112     | 22,646,360 |
| 1952.....         | 16,103,581 | 5,328      | 16,108,909 |
| 1951.....         | 12,789,414 | 566,221    | 13,355,635 |
| <i>Via other—</i> |            |            |            |
| 1955.....         |            |            |            |
| 1954.....         |            |            |            |
| 1953.....         |            | 762        | 762        |
| 1952.....         |            | 1,508      | 1,508      |
| 1951.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 23,300,679 | 23,486,461 | 46,787,140 |
| 1954.....         | 11,767,260 | 11,896,903 | 23,664,163 |
| 1953.....         | 22,615,248 | 22,428,582 | 45,043,830 |
| 1952.....         | 16,103,581 | 15,912,716 | 32,016,297 |
| 1951.....         | 12,789,414 | 12,455,160 | 25,244,574 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$371,593. The principal items were dredging of 7 berths to a minimum depth of 30 feet at extreme low tide, dredging the approaches to berths 1, 2, 3 and 4 to a minimum depth of 28 feet; refacing concrete wharf walls at the offshore bulkhead of berths 13 and 14; removing and replacing 5 inch concrete slab from apron at berth 2 in order to level and place new ties and 100-pound rails; repairing timber trestle supporting the railway track at the rear of sheds 5 and 6; repairing timber trestle at Long wharf; repairing and refacing timber crib at South Market wharf; painting exterior corrugated siding and doors of sheds 1, 2 and 3; painting interior structural steel of shed 1; repairing roof south side of shed 2; removing and renewing bottom sections of sliding steel doors of sheds 1, 2 and 3; painting the structural steel supporting the grain galleries over sheds 1, 2 and 3; painting structural steel supporting grain galleries over Pugsley Terminal shed; repairing roofs of grain conveyor towers; repairing deck and hull and painting hull of the floating crane "Glenbuckie".

## CAPITAL WORKS

Capital expenditures amounted to \$536,486, of which \$17,148 was provided from replacement fund. The work consisted of:—

*Construction of Transit Sheds on Pugsley Wharf Extension.*—A contract was awarded in January to Standard Dredging Co. Ltd. for the construction of a transit shed 550 ft. by 120 ft. on Pugsley Wharf extension and an extension, 110 ft by 150 ft., to the existing transit shed on Pugsley wharf. The new shed and extension are both single storey, steel frame structures. The sheds were in use by the year end, but about 10% of the work under the contract still remained to be done.

Arrangements were also made with the Canadian National Railways to construct a trestle to provide rail service to the rear of the sheds. The work was completed during the year, with the cost shared by the Board and the Railway.

*Construction of Extension to Transit Sheds 2 & 3.*—A contract was awarded to Argo Construction Ltd. in September 1955 for the construction of a 320 ft. extension to transit sheds 2 and 3 and grain galleries. Due to shortage of steel no work was done on this contract and only minor preliminary expenditures were made during the year.

*Minor Items.*—These consisted of the installation of equipment in the new stores building, the purchase of a pick-up truck, a small amount of work to complete the construction of an extension to berths 2 and 3 and preliminary work on the installation of six 16 ft. high doors in sheds 1, 2 and 3.

## INCOME AND EXPENSE

Operating income amounted to \$875,819, as compared with \$755,026 in 1954, the increase being \$120,793, derived from wharf operations. Operating and maintenance expenses totalled \$845,450, as against \$743,135 in the previous year, the increase being \$102,315. Net operating income in 1955 was \$30,369, as compared with \$11,891 in 1954.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$964,553 in 1955, as against a deficit of \$894,611 in 1954.





## HARBOUR OF SAINT JOHN

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

### OPERATING INCOME—

#### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 20,703         |           |
| Property Rentals..... | 21,801            |           |
| Miscellaneous.....    | 1,585             |           |
|                       | <u>          </u> | \$ 44,089 |

#### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 464,771           |         |
| Dockage.....             | 153,971           |         |
| Wharf Space Rentals..... | 303               |         |
|                          | <u>          </u> | 619,045 |

#### Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 97,493 |
|--------------|--|--------|

#### Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 17,583            |        |
| Storage.....      | 23,792            |        |
|                   | <u>          </u> | 41,375 |

|                     |  |     |
|---------------------|--|-----|
| Railway System..... |  | 260 |
|---------------------|--|-----|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 73,557            |            |
|                             | <u>          </u> | \$ 875,819 |

### DEDUCT OPERATING EXPENSES—

#### Operation and Maintenance—

|   |                   |         |
|---|-------------------|---------|
| Harbour (including \$210,108 for Dredging)..... | 368,258           |         |
| Wharves and Piers.....                          | 95,533            |         |
| Grain Elevator System.....                      | 28,941            |         |
| Permanent Sheds.....                            | 147,661           |         |
| Miscellaneous Services.....                     | 111,568           |         |
|   | <u>          </u> | 751,961 |

#### Administrative—

|  |                   |        |
|--|-------------------|--------|
| Salaries.....  | 45,173            |        |
| Contributions to Public Service Superannuation Account.... | 17,282            |        |
| Office Expenses.....                                       | 2,994             |        |
| Other.....   | 28,040            |        |
|  | <u>          </u> | 93,489 |

845,450

|                           |  |               |
|---------------------------|--|---------------|
| NET OPERATING INCOME..... |  | <u>30,369</u> |
|---------------------------|--|---------------|

### ADD OTHER INCOME—

|   |                   |                |
|---|-------------------|----------------|
| Income from Investments (less \$7,818 applicable to Reserve Funds)..... | 139,422           |                |
| Miscellaneous.....  | 150               |                |
|   | <u>          </u> | 139,572        |
|   |                   | <u>169,941</u> |

### DEDUCT SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 755,939           |           |
| Provision for Replacement of Capital Assets.....  | 374,994           |           |
| Provision for Doubtful Accounts.....              | 2,547             |           |
| Other.....  | 1,014             |           |
|   | <u>          </u> | 1,134,494 |

|                         |            |  |
|-------------------------|------------|--|
| NET INCOME DEFICIT..... | \$ 964,553 |  |
|-------------------------|------------|--|

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing five berths for ships of 26-foot draft and one berth for coastal vessels, a concrete transit shed 400 feet by 60 feet, a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 195                     | 153,992                      |
| 1951.....          | 227                     | 156,539                      |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 194                     | 153,977                      |
| 1951.....          | 227                     | 156,539                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955                    |                              | 1954                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 36                      | 59,689                       | 29                      | 53,089                       |
| Coastal or inland commercial (including fishery)..... | 159                     | 133,541                      | 170                     | 135,144                      |
| Other.....  | 4                       | 717                          | 9                       | 454                          |
| Total.....  | 199                     | 193,947                      | 208                     | 188,687                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 36                      | 59,689                       | 29                      | 53,089                       |
| Coastal or inland commercial (including fishery)..... | 159                     | 133,541                      | 170                     | 135,144                      |
| Other.....  | 4                       | 717                          | 9                       | 454                          |
| Total.....  | 199                     | 193,947                      | 208                     | 188,687                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1955.....        | 35,305  | 940     | 36,245  |
| 1954.....        | 48,592  | 719     | 49,311  |
| 1953.....        | 32,761  | 3,625   | 36,386  |
| 1952.....        | 27,070  | .....   | 27,070  |
| 1951.....        | 27,095  | .....   | 27,095  |
| <i>Domestic—</i> |         |         |         |
| 1955.....        | 305,381 | 3,797   | 309,178 |
| 1954.....        | 277,196 | 3,520   | 280,716 |
| 1953.....        | 238,763 | 6,012   | 244,775 |
| 1952.....        | 250,280 | 3,350   | 253,630 |
| 1951.....        | 233,015 | 7,155   | 240,170 |
| <i>Total—</i>    |         |         |         |
| 1955.....        | 340,686 | 4,737   | 345,423 |
| 1954.....        | 325,788 | 4,239   | 330,027 |
| 1953.....        | 271,524 | 9,637   | 281,161 |
| 1952.....        | 277,350 | 3,350   | 280,700 |
| 1951.....        | 260,110 | 7,155   | 267,265 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Coal,<br>bituminous | Gasoline | Petroleum<br>Oil, fuel | Sulphur | Coal,<br>anthracite | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Wallboard | Glass<br>and<br>Glass<br>Manu-<br>factures | Potatoes | All<br>Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|---------------------|----------|------------------------|---------|---------------------|---|-----------|--|----------|---|---------|
| <i>Foreign—</i>  |                     |          |                        |         |                     |   |           |  |          |   |         |
| Inward—          |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        | 20,874              |          |                        | 8,899   | 5,532               |   |           |  |          |   | 35,305  |
| 1954.....        | 22,457              |          | 17,000                 | 2,260   | 6,875               |   |           |  |          |   | 48,592  |
| Outward—         |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        |                     |          |                        |         |                     |   |           |  |          |   | 940     |
| 1954.....        |                     |          |                        |         |                     | 940   |           |  |          | 245   | 719     |
| <i>Domestic—</i> |                     |          |                        |         |                     |   |           |  |          |   |         |
| Inward—          |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        | 111,299             | 103,630  | 78,988                 |         |                     | 12  | 1,458     | 892  | 662      | 8,440   | 305,381 |
| 1954.....        | 110,243             | 86,993   | 69,244                 |         |                     |   | 1,305     | 663  | 852      | 7,896   | 277,196 |
| Outward—         |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        |                     |          |                        |         |                     | 2,796   |           |  |          | 1,001   | 3,797   |
| 1954.....        |                     |          |                        |         |                     | 2,454   |           |  |          | 1,066   | 3,520   |
| <i>Totals—</i>   |                     |          |                        |         |                     |   |           |  |          |   |         |
| Inward—          |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        | 132,173             | 103,630  | 78,988                 | 8,899   | 5,532               | 12  | 1,458     | 892  | 662      | 8,440   | 340,686 |
| 1954.....        | 132,700             | 86,993   | 86,244                 | 2,260   | 6,875               |   | 1,305     | 663  | 852      | 7,896   | 325,788 |
| Outward—         |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        |                     |          |                        |         |                     | 3,736   |           |  |          | 1,001   | 4,737   |
| 1954.....        |                     |          |                        |         |                     | 2,928   |           |  |          | 1,311   | 4,239   |
| <i>Total—</i>    |                     |          |                        |         |                     |   |           |  |          |   |         |
| 1955.....        | 132,173             | 103,630  | 78,988                 | 8,899   | 5,532               | 3,748   | 1,458     | 892  | 662      | 9,441   | 345,423 |
| 1954.....        | 132,700             | 86,993   | 86,244                 | 2,260   | 6,875               | 2,928   | 1,305     | 663  | 852      | 9,207   | 330,027 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1955.....         |        |          |       |
| 1954.....         |        |          |       |
| 1953.....         |        |          |       |
| 1952.....         |        |          |       |
| 1951.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |
| 1952.....         | 3,790  | 3,790    | 7,580 |
| 1951.....         | 4,599  | 4,650    | 9,249 |
| <i>Total—</i>     |        |          |       |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |
| 1952.....         | 3,790  | 3,790    | 7,580 |
| 1951.....         | 4,599  | 4,650    | 9,249 |

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$11,187. The work consisted of general maintenance of wharves, sheds, railway tracks, roads and water system.

## INCOME AND EXPENSE

Operating income amounted to \$105,651, as compared with \$101,304 in 1954. Expenses of operation and maintenance were \$33,150, the corresponding figure in 1954 being \$29,523. Net operating income was \$72,501, as compared with \$71,781 in 1954.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$53,169, as compared with a deficit of \$53,471 in 1954.

# Harbour of Chicoutimi BALANCE SHEET AS AT DECEMBER 31, 1955

## ASSETS

|  |                  |  |
|--|------------------|--|
| CURRENT—   |                  |  |
| Cash.....  | 40,314           |  |
| Accounts Receivable.....   | 6,471            |  |
| Prepaid Expenses.....  | 728              |  |
| Stores on Hand.....  | 570              |  |
| Other.....   | 1,298            |  |
|  | <u>48,083</u>    |  |
| RESERVE FUND ASSETS—   |                  |  |
| (Cash \$11,857; Investment in bonds, at amortized cost \$570,532 with market value of \$559,724) |                  |  |
| Replacement of Capital Assets.....   | 562,691          |  |
| Fire and General Insurance.....  | 19,698           |  |
|  | <u>582,389</u>   |  |
| CAPITAL ASSETS—  |                  |  |
| (At cost or estimated cost)  |                  |  |
| Harbour Dredging.....  | 445,828          |  |
| Real Estate.....   | 35,026           |  |
| Roads, Fences and Boundaries.....  | 115,906          |  |
| Sewers and Drains.....   | 165,653          |  |
| Wharves and Piers.....   | 2,924,622        |  |
| Permanent Sheds.....   | 124,083          |  |
| Railway System.....  | 38,599           |  |
| Office Furniture and Appliances.....   | 4,801            |  |
| Electric Power System.....   | 4,561            |  |
| Water Supply System.....   | 16,768           |  |
| Floating Equipment.....  | 3,266            |  |
| Shore Equipment.....   | 3,988            |  |
| Miscellaneous Small Plant.....   | 2,344            |  |
|  | <u>3,883,045</u> |  |

\$ 4,513,517

## LIABILITIES

|   |                  |                  |
|---|------------------|------------------|
| CURRENT—  |                  |                  |
| Accounts Payable and Accrued Liabilities-General.....   | \$               | 809              |
| DEFERRED INCOME.....  |                  | 2,918            |
|   | <u>3,727</u>     |                  |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                  |                  |
| Assets transferred to the Board on its establishment and subsequently.....                        | \$               | 459,398          |
| Loans and Advances.....   |                  | 3,812,161        |
| Interest in Arrears on Loans and Advances.....  |                  | 2,316,132        |
| Reserves:   |                  |                  |
| Replacement of Capital Assets.....  | \$               | 828,939          |
| Fire and General Insurance.....   |                  | 19,698           |
|   | <u>848,637</u>   |                  |
|   | <u>7,436,328</u> |                  |
| Deduct: Deficit—  |                  |                  |
| Balance as at Jan. 1, 1955.....   |                  | 2,873,369        |
| Add: Net Income Deficit for the year ended Dec. 31, 1955 per statement of Income and Expense..... |                  | 53,169           |
|   | <u>2,926,538</u> |                  |
|   |                  | <u>4,509,790</u> |

\$ 4,513,517

## HARBOUR OF CHICOUTIMI

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

#### OPERATING INCOME—

##### Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 1,074          |          |
| Property Rentals..... | 240               |          |
|                       | <u>          </u> | \$ 1,314 |

##### Wharves and Piers—

|                          |                   |        |
|--------------------------|-------------------|--------|
| Top Wharfage.....        | 40,581            |        |
| Dockage.....             | 4,441             |        |
| Wharf Space Rentals..... | 51,365            |        |
| Miscellaneous.....       | 10                |        |
|                          | <u>          </u> | 96,397 |

##### Permanent Sheds—

|                   |                   |       |
|-------------------|-------------------|-------|
| Shed Rentals..... | 2,200             |       |
| Storage.....      | 4,463             |       |
|                   | <u>          </u> | 6,663 |

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 1,277             |            |
|                             | <u>          </u> | \$ 105,651 |

#### DEDUCT OPERATING EXPENSES—

##### Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 5,233             |        |
| Wharves and Piers.....      | 6,437             |        |
| Permanent Sheds.....        | 1,700             |        |
| Railway System.....         | 5,253             |        |
| Miscellaneous Services..... | 1,907             |        |
|                             | <u>          </u> | 20,530 |

##### Administrative—

|  |                   |        |
|--|-------------------|--------|
| Salaries.....  | 7,560             |        |
| Contributions to Public Service Superannuation Account.... | 977               |        |
| Office Expenses.....                                       | 1,512             |        |
| Other.....   | 2,571             |        |
|  | <u>          </u> | 12,620 |

33,150

|                           |        |
|---------------------------|--------|
| NET OPERATING INCOME..... | 72,501 |
|---------------------------|--------|

#### ADD OTHER INCOME—

|   |                   |
|---|-------------------|
| Income from Investments (less \$512 applicable to Reserve Funds)..... | 14,864            |
|   | <u>          </u> |
|   | 87,365            |

#### DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 104,834           |         |
| Provision for Replacement of Capital Assets.....  | 35,697            |         |
| Other.....  | 3                 |         |
|   | <u>          </u> | 140,534 |

|                         |           |
|-------------------------|-----------|
| NET INCOME DEFICIT..... | \$ 53,169 |
|-------------------------|-----------|



## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles Rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the National Harbours Board include 20,400 linear feet of berthing providing 26 deepsea berths and 13 berths for coastal shipping. There are nine transit sheds with a total floor area of about 691,000 square feet, 23 miles of standard gauge terminal railway, connected with both Canadian railways, a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries, with a loading capacity of 90,000 bushels per hour, 3 marine towers for unloading boats, also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds, a floating crane of 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 4,467                   | 6,123,183                    |
| 1954.....          | 4,744                   | 5,859,540                    |
| 1953.....          | 4,724                   | 5,516,037                    |
| 1952.....          | 4,597                   | 5,263,305                    |
| 1951.....          | 4,684                   | 4,714,577                    |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 4,464                   | 6,119,396                    |
| 1954.....          | 4,751                   | 5,879,631                    |
| 1953.....          | 4,736                   | 5,533,193                    |
| 1952.....          | 4,597                   | 5,270,540                    |
| 1951.....          | 4,695                   | 4,712,979                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955              |                        | 1954              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 869               | 3,825,425              | 821               | 3,618,476              |
| Coastal or inland commercial (including fishery)..... | 3,579             | 2,284,118              | 3,888             | 2,232,876              |
| Other.....  | 19                | 13,640                 | 35                | 8,188                  |
| <b>Total.....</b>                                     | <b>4,467</b>      | <b>6,123,183</b>       | <b>4,744</b>      | <b>5,859,540</b>       |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 869               | 3,825,425              | 823               | 3,635,110              |
| Coastal or inland commercial (including fishery)..... | 3,576             | 2,279,981              | 3,895             | 2,236,599              |
| Other.....  | 19                | 13,990                 | 33                | 7,922                  |
| <b>Total.....</b>                                     | <b>4,464</b>      | <b>6,119,396</b>       | <b>4,751</b>      | <b>5,879,631</b>       |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basls:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1955.....        | 238,918   | 734,292   | 973,210   |
| 1954.....        | 137,209   | 634,480   | 771,689   |
| 1953.....        | 73,004    | 953,080   | 1,026,084 |
| 1952.....        | 65,772    | 1,041,579 | 1,107,351 |
| 1951.....        | 117,834   | 790,658   | 908,492   |
| <i>Domestic—</i> |           |           |           |
| 1955.....        | 2,280,036 | 143,677   | 2,423,713 |
| 1954.....        | 2,262,669 | 100,841   | 2,363,510 |
| 1953.....        | 2,126,100 | 104,364   | 2,230,464 |
| 1952.....        | 1,821,333 | 91,488    | 1,912,821 |
| 1951.....        | 1,831,165 | 73,293    | 1,904,458 |
| <i>Total—</i>    |           |           |           |
| 1955.....        | 2,518,954 | 877,969   | 3,396,923 |
| 1954.....        | 2,399,878 | 735,321   | 3,135,199 |
| 1953.....        | 2,199,104 | 1,057,444 | 3,256,548 |
| 1952.....        | 1,887,105 | 1,133,067 | 3,020,172 |
| 1951.....        | 1,948,999 | 863,951   | 2,812,950 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil,<br>fuel | Pulpwood | Grain   | Coal,<br>bituminous | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Cement,<br>common<br>or portland | Paper,<br>newsprint | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Sulphur | Metal,<br>scrap |
|------------------|---------------------------|----------|---------|---------------------|----------|--|----------------------------------|---------------------|---|---------|-----------------|
| <i>Foreign—</i>  |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| Inward—          |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 174,792                   |          |         |                     |          |  | 367                              |                     | 2,932   |         |                 |
| 1954.....        | 45,834                    |          |         |                     |          |  | 44                               |                     |   |         |                 |
| Outward—         |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        |                           |          | 287,903 |                     |          | 166,661  |                                  | 87,302              | 100,188   |         | 27,903          |
| 1954.....        |                           |          | 257,695 |                     |          | 144,641  |                                  | 80,288              | 82,788  |         | 17,167          |
| <i>Domestic—</i> |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| Inward—          |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 569,647                   | 648,416  | 313,633 | 283,372             | 248,704  |  | 98,067                           | 773                 | 1,703   | 29,302  | 464             |
| 1954.....        | 593,719                   | 655,253  | 256,819 | 275,682             | 310,970  |  | 105,001                          |                     |   | 23,736  | 138             |
| Outward—         |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 17,939                    |          | 6,853   | 490                 | 5,018    | 202  | 35,404                           | 43,081              | 1,703   |         |                 |
| 1954.....        | 2,088                     |          | 6,116   | 656                 | 1,749    | 1,191  | 2,845                            | 51,727              |   |         |                 |
| <i>Totals—</i>   |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| Inward—          |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 744,439                   | 684,416  | 313,633 | 283,372             | 248,704  |  | 98,434                           | 773                 | 1,703   | 29,302  | 464             |
| 1954.....        | 639,553                   | 655,253  | 256,819 | 275,682             | 310,970  |  | 105,045                          |                     | 2,932   | 23,736  | 138             |
| Outward—         |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 17,939                    |          | 294,756 | 490                 | 5,018    | 166,863  | 35,404                           | 130,383             | 101,891   |         | 27,903          |
| 1954.....        | 2,088                     |          | 263,811 | 656                 | 1,749    | 145,832  | 2,845                            | 132,015             | 82,788  |         | 17,167          |
| <i>Total—</i>    |                           |          |         |                     |          |  |                                  |                     |   |         |                 |
| 1955.....        | 762,378                   | 684,416  | 608,389 | 283,862             | 253,812  | 166,863  | 133,838                          | 131,156             | 103,594   | 29,302  | 28,367          |
| 1954.....        | 641,641                   | 655,253  | 520,630 | 276,338             | 312,719  | 145,832  | 107,890                          | 132,015             | 85,720  | 23,736  | 17,305          |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Coal,<br>anthracite | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wood-pulp | Groceries<br>not<br>otherwise<br>specified | Gypsum,<br>crude | Explosives,<br>including<br>Fuses and<br>Blasting<br>Caps | Fertilizers<br>and<br>Fertilizer<br>Materials | Flour,<br>wheat | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Brick |
|------------------|---------------------|---|-----------|--|------------------|---|---|-----------------|--|--|-------|
| <i>Foreign—</i>  |                     |   |           |  |                  |   |   |                 |  |  |       |
| Inward—          |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | 28,304              | 123   | .....     | 1,108                                      | .....            | 811   | 9,282   | .....           | 5,725  | 1,343  | 2,451 |
| 1954.....        | 32,042              | 329   | .....     | 1,681                                      | .....            | 967   | 22,439  | .....           | 5,913  | 1,276  | 2,542 |
| Outward—         |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | .....               | 14,876  | 19,205    | 108  | .....            | 9,915   | 221   | 5,191           | 156  | 61   | ..... |
| 1954.....        | .....               | 9,851   | 16,895    | 296  | .....            | 10,068  | 120   | 5,910           | .....  | 20   | ..... |
| <i>Domestic—</i> |                     |   |           |  |                  |   |   |                 |  |  |       |
| Inward—          |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | .....               | 5,360   | 121       | 7,742                                      | 12,902           | .....   | .....   | 516             | 356  | 2,216  | ..... |
| 1954.....        | .....               | 5,782   | .....     | 2,933                                      | 10,022           | .....   | .....   | 1,277           | .....  | 2,914  | ..... |
| Outward—         |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | .....               | 782   | .....     | 6,691                                      | .....            | 250   | 1,363   | 2,327           | 1,068  | 309  | 1,217 |
| 1954.....        | .....               | 586   | .....     | 4,691                                      | .....            | 585   | 938   | 2,291           | 1,070  | 512  | 1,057 |
| <i>Totals—</i>   |                     |   |           |  |                  |   |   |                 |  |  |       |
| Inward—          |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | 28,304              | 5,483   | 121       | 8,850                                      | 12,902           | 811   | 9,282   | 516             | 6,081  | 3,559  | 2,451 |
| 1954.....        | 32,042              | 6,111   | .....     | 4,614                                      | 10,022           | 967   | 22,439  | 1,277           | 5,913  | 4,190  | 2,542 |
| Outward—         |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | .....               | 15,658  | 19,205    | 6,799                                      | .....            | 10,165  | 1,584   | 7,518           | 1,224  | 370  | 1,217 |
| 1954.....        | .....               | 10,437  | 16,895    | 4,987                                      | .....            | 10,653  | 1,058   | 8,201           | 1,070  | 532  | 1,057 |
| <i>Total—</i>    |                     |   |           |  |                  |   |   |                 |  |  |       |
| 1955.....        | 28,304              | 21,141  | 19,326    | 15,649                                     | 12,902           | 10,976  | 10,866  | 8,034           | 7,305  | 3,929  | 3,668 |
| 1954.....        | 32,042              | 16,548  | 16,895    | 9,601                                      | 10,022           | 11,620  | 23,497  | 9,478           | 6,983  | 4,722  | 3,599 |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Beverages,<br>alcoholic | Glass and<br>Glass<br>Manufactures | Hides,<br>Leather<br>and<br>Leather<br>Manufactures | Food-<br>stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------------------------|------------------------------------|---|--|--|-----------|
| <i>Foreign—</i>  |                         |                                    |   |  |  |           |
| Inward—          |                         |                                    |   |  |  |           |
| 1955.....        | 2,465                   | 3,180                              | .....   | 165  | 8,802                                      | 238,918   |
| 1954.....        | 1,778                   | 2,811                              | .....   | 22   | 16,599                                     | 137,209   |
| Outward—         |                         |                                    |   |  |  |           |
| 1955.....        | 147                     | .....                              | 2,445   | 275  | 11,735                                     | 734,292   |
| 1954.....        | 3                       | .....                              | 1,924   | 235  | 6,579                                      | 634,480   |
| <i>Domestic—</i> |                         |                                    |   |  |  |           |
| Inward—          |                         |                                    |   |  |  |           |
| 1955.....        | 811                     | .....                              | 231   | 1,076  | 18,534                                     | 2,280,036 |
| 1954.....        | 635                     | 35                                 | 70  | 5,105  | 12,578                                     | 2,262,669 |
| Outward—         |                         |                                    |   |  |  |           |
| 1955.....        | 234                     | 174                                | 32  | 732  | 17,808                                     | 143,677   |
| 1954.....        | 142                     | 202                                | .....   | 483  | 21,902                                     | 100,841   |
| <i>Totals—</i>   |                         |                                    |   |  |  |           |
| Inward—          |                         |                                    |   |  |  |           |
| 1955.....        | 3,276                   | 3,180                              | 231   | 1,241  | 27,336                                     | 2,518,954 |
| 1954.....        | 2,413                   | 2,846                              | 70  | 5,127  | 29,177                                     | 2,399,878 |
| Outward—         |                         |                                    |   |  |  |           |
| 1955.....        | 381                     | 174                                | 2,477   | 1,007  | 29,543                                     | 877,969   |
| 1954.....        | 145                     | 202                                | 1,924   | 728  | 28,481                                     | 735,321   |
| <i>Total—</i>    |                         |                                    |   |  |  |           |
| 1955.....        | 3,657                   | 3,354                              | 2,708   | 2,248  | 56,879                                     | 3,396,923 |
| 1954.....        | 2,558                   | 3,048                              | 1,994   | 5,855  | 57,658                                     | 3,135,199 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

| —                 | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1955.....         | 54,021 | 41,909   | 95,930  |
| 1954.....         | 67,004 | 33,467   | 100,471 |
| 1953.....         | 77,257 | 33,354   | 110,611 |
| 1952.....         | 46,349 | 23,334   | 69,683  |
| 1951.....         | 56,542 | 22,949   | 79,491  |
| <i>Coastwise—</i> |        |          |         |
| 1955.....         | 18,946 | 19,335   | 38,281  |
| 1954.....         | 11,935 | 14,233   | 26,168  |
| 1953.....         | 11,228 | 10,131   | 21,359  |
| 1952.....         | 15,165 | 14,540   | 29,705  |
| 1951.....         | 10,580 | 11,790   | 22,370  |
| <i>Total—</i>     |        |          |         |
| 1955.....         | 72,967 | 61,244   | 134,211 |
| 1954.....         | 78,939 | 47,700   | 126,639 |
| 1953.....         | 88,485 | 43,485   | 131,970 |
| 1952.....         | 61,514 | 37,874   | 99,388  |
| 1951.....         | 67,122 | 34,739   | 101,861 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1955, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1955.....         | 12,726,672 | 9,399,812  | 22,126,484 |
| 1954.....         | 11,102,895 | 8,611,944  | 19,714,839 |
| 1953.....         | 7,557,035  | 22,992,048 | 30,549,083 |
| 1952.....         | 3,601,138  | 24,983,990 | 28,585,128 |
| 1951.....         | 1,614,526  | 20,859,798 | 22,474,324 |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 5,956,805  | 7,801,462  | 13,758,267 |
| 1954.....         | 6,197,002  | 6,931,627  | 13,128,629 |
| 1953.....         | 23,055,301 | 4,067,367  | 27,122,668 |
| 1952.....         | 25,231,595 | 2,371,178  | 27,602,773 |
| 1951.....         | 20,614,040 | 637,972    | 21,252,012 |
| <i>Via other—</i> |            |            |            |
| 1955.....         | 55,352     | 1,729,726  | 1,785,078  |
| 1954.....         | 170        | 1,605,251  | 1,605,421  |
| 1953.....         | .....      | 1,213,610  | 1,213,610  |
| 1952.....         | 92,707     | 931,197    | 1,023,904  |
| 1951.....         | .....      | 710,949    | 710,949    |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 18,738,829 | 18,931,000 | 37,669,829 |
| 1954.....         | 17,300,067 | 17,148,822 | 34,448,889 |
| 1953.....         | 30,612,336 | 28,273,025 | 58,885,361 |
| 1952.....         | 28,925,440 | 28,286,365 | 57,211,805 |
| 1951.....         | 22,228,566 | 22,208,719 | 44,437,285 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1955, with comparison for 1954.

|  | 1955   | 1954   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 15,616 | 13,795 |
| Non-revenue cars.....  | 13,981 | 11,821 |
| Total.....   | 29,597 | 25,616 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 14,335 | 12,045 |
| Non-revenue cars.....  | 14,724 | 13,464 |
| Total.....   | 29,059 | 25,509 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 118    | 144    |
| Non-revenue cars.....  | 118    | 144    |
| Total.....   | 236    | 288    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 30,069 | 25,984 |
| Non-revenue cars.....  | 28,823 | 25,429 |
| Total.....   | 58,892 | 51,413 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$350,620. The main items were replacement of 5,750 feet of grain elevator belting; sheathing the south wall of the cold storage main warehouse and the north wall of the cold storage powerhouse with aluminum; paving an area at the cold storage plant; paving the road to the west entrance of shed 29 and renewing a power distribution panel at the grain elevator.

## CAPITAL WORKS

Expenditure on capital account amounted to \$326,020, of which \$1,313 was provided from replacement fund. The principal items were:

*Reconditioning North Wall, Outer Basin.*—In September 1954 a contract was awarded to Royalmount Construction Limited for strengthening a 290 ft. length of berth 20 by driving piling in front of the existing timber cribs to support a new reinforced concrete copewall which was tied back to anchor blocks by means of steel tie rods. The contract also provided for moving two marine towers to locations on a part of the wharf previously strengthened and the extension of the grain receiving gallery to serve the marine towers at their new locations. The work was 40 per cent done during that year and completed in 1955.

*Asphalt Pavement East of Shed A.*—A contract for draining, levelling and paving an area 200 feet by 120 feet at Wolfe's Cove terminals, east of shed A, was awarded to Union Quarries & Paving Ltd. in August. The work was fully carried out.

*Construction of an Oil Berth at Wolfe's Cove Terminals.*—McNamara Construction Co. Ltd. was awarded a contract in September for construction of an oil berth 590 feet in length, of steel sheet piling cellular bulkhead construction with the cells filled with gravel and the area at the rear with dredged material. Due to difficulty in obtaining delivery of steel sheet piling, only preliminary work was done on this contract during the year.

*Installation of a Passenger Elevator in the Grain Elevator Workhouse.*—Under a contract awarded to La Compagnie F. X. Drolet in May, a combined freight and passenger elevator was installed in the grain elevator workhouse.

*Lathe for the Machine Shop.*—A 29"/36" engine lathe was purchased and installed in the machine shop to replace a smaller, obsolete lathe.

*Minor Items.*—Minor capital works included the installation of 550 volt power outlets at grain berths for operation of mechanical grain trimming equipment; the installation of motor drive units to operate seven rolling doors at the car dumper house and car shed at the grain elevator; the conversion of one room with a floor area of 3,850 square feet from cooler to freezer space at the cold storage warehouse by providing additional insulation; the construction of a power line at Wolfe's Cove terminals and the purchase of a  $\frac{1}{2}$  ton pick-up truck.

## INCOME AND EXPENSE

Operating income amounted to \$1,908,450, as compared with \$1,771,347 in 1954, the increase being \$137,103. Increased earnings were shown by wharves, grain elevator, cold storage warehouse, terminal railway and miscellaneous services. Operating and maintenance expenses were \$1,368,339, as compared with \$1,376,327 in 1954, the decrease being \$7,988. Net operating income was \$540,111 in 1955, as compared with \$395,020 in 1954.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed an income deficit of \$621,872, as compared with a deficit of \$748,659 in 1954.



# Harbour of Quebec BALANCE SHEET AS AT DECEMBER 31, 1955

| ASSETS   |                  | LIABILITIES  |                   |
|--|------------------|--|-------------------|
| CURRENT—   |                  | CURRENT—   |                   |
| Cash.....  | 486,183          | Accounts Payable and Accrued Liabilities—General.....                      | 150,896           |
| Accounts Receivable.....   | 199,904          | Provision for Pension Fund Adjustments.....                                | 17,471            |
| Less: Provision for Doubtful Accounts.....   | 1,666            |  | <u>168,367</u>    |
| Accrued Income.....  | 990              |  |                   |
| Prepaid Expenses—  |                  | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 29,381            |
| Stores on Hand.....  | 81,461           | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 63,815            |
| Other.....   | 1,213            | CONTRACTORS' HOLDBACKS.....  | 5,000             |
| Miscellaneous.....   | 82,674           | DEFERRED INCOME.....   | 17,032            |
|  | <u>1,335</u>     |  | <u>283,595</u>    |
|  | 769,420          |  |                   |
| RESERVE FUND ASSETS—   |                  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |                   |
| (Cash \$272,106 investment in bonds, at amortized cost \$1,028,299 with market value of \$996,830) |                  | Assets transferred to the Board on its establishment and subsequently..... | 2,663,019         |
| Replacement of Capital Assets.....   | 1,172,756        | Loans and Advances.....  | 30,682,075        |
| Fire and General Insurance.....  | 127,649          | Interest in arrears on Loans and Advances.....                             | 16,924,730        |
|  | <u>1,300,405</u> |  |                   |
| SPECIAL FUND ASSETS—   |                  | Reserves—  |                   |
| (Cash \$1,315; certified cheque \$62,500)  |                  | Replacement of Capital Assets.....   | \$ 8,670,445      |
| Contractors' Security Deposits.....  |                  | Fire and General Insurance.....  | 127,649           |
|  | 63,815           |  | <u>8,798,094</u>  |
| PRELIMINARY CAPITAL EXPENSE.....   | 998              |  | <u>59,067,918</u> |
| CAPITAL ASSETS—  |                  |  |                   |
| (at cost or estimated cost)  |                  |  |                   |
| Harbour Dredging.....  | 3,603,197        |  |                   |
| Real Estate.....   | 289,283          |  |                   |
| Vehicular Bridges.....   | 171,869          |  |                   |
| Roads, Fences and Boundaries.....  | 256,054          |  |                   |

|  |                      |                      |
|--|----------------------|----------------------|
| Sewers and Drains.....   | 290,810              |                      |
| Miscellaneous Structures.....  | 123,925              |                      |
| Wharves and Piers.....   | 13,502,589           |                      |
| Permanent Sheds.....   | 3,751,936            |                      |
| Shed Hoists and Electric Cranes.....   | 12,000               |                      |
| Railway System.....  | 982,936              |                      |
| Grain Elevator System.....   | 4,256,023            |                      |
| Cold Storage System.....   | 775,528              |                      |
| Office Furniture and Appliances.....   | 17,929               |                      |
| Harbour Buildings.....   | 198,573              |                      |
| Central Heating Plants.....  | 9,515                |                      |
| Harbour Shops.....   | 29,296               |                      |
| Electric Power System.....   | 122,112              |                      |
| Water Supply System.....   | 37,956               |                      |
| Floating Equipment.....  | 116,354              |                      |
| Shore Equipment.....   | 66,534               |                      |
| Miscellaneous Small Plant.....   | 31,127               |                      |
| Works under Construction.....  | 17,850               |                      |
|  | <u>28,663,396</u>    |                      |
|  | <u>\$ 30,798,034</u> |                      |
| Deduct: Deficit—   |                      |                      |
| Balance as at Jan. 1, 1955.....  | 27,911,494           |                      |
| Add: Prior years' Adjustments.....   | 20,113               |                      |
| Net Income Deficit for the year ended<br>December 31, 1955 per statement of<br>Income and Expense..... | 621,872              |                      |
|  | <u>28,553,479</u>    |                      |
|  | <u>\$ 30,514,439</u> |                      |
|  |                      | <u>\$ 30,798,034</u> |

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

## OPERATING INCOME—

## Harbour—

|                       |           |         |
|-----------------------|-----------|---------|
| Harbour Dues.....     | \$ 39,980 |         |
| Property Rentals..... | 63,355    |         |
| Miscellaneous.....    | 3,762     |         |
|                       | <u>\$</u> | 107,097 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 342,599 |         |
| Dockage.....             | 126,269 |         |
| Wharf Space Rentals..... | 57,866  |         |
| Miscellaneous.....       | 2,377   |         |
|                          | <u></u> | 529,111 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 300,062 |         |
| Storage.....       | 325,720 |         |
| Miscellaneous..... | 4,296   |         |
|                    | <u></u> | 630,078 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 167,843 |         |
| Miscellaneous..... | 52,013  |         |
|                    | <u></u> | 219,856 |

## Permanent Sheds—

|                   |         |        |
|-------------------|---------|--------|
| Shed Rentals..... | 24,718  |        |
| Storage.....      | 6,607   |        |
|                   | <u></u> | 31,325 |

## Railway System.....

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Miscellaneous Services..... | <u></u> | 207,428             |
|                             |         | 183,555             |
|                             |         | <u>\$ 1,908,450</u> |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |         |           |
|---|---------|-----------|
| Harbour (Including \$2,186 for dredging)..... | 189,792 |           |
| Wharves and Piers.....                        | 65,374  |           |
| Grain Elevator System.....                    | 380,428 |           |
| Cold Storage System.....                      | 152,660 |           |
| Permanent Sheds.....                          | 66,539  |           |
| Railway System.....                           | 191,889 |           |
| Miscellaneous Services.....                   | 159,196 |           |
|   | <u></u> | 1,205,878 |

## Administrative—

|  |         |         |
|--|---------|---------|
| Salaries.....  | 59,835  |         |
| Contributions to Public Service Superannuation Account.... | 50,401  |         |
| Office expenses.....                                       | 3,171   |         |
| Other.....   | 49,054  |         |
|  | <u></u> | 162,461 |

1,368,339

NET OPERATING INCOME.....540,111

## ADD OTHER INCOME—

|   |         |         |
|---|---------|---------|
| Income from Investments (less \$2,792 applicable to Reserve Funds)..... | 21,134  |         |
| Miscellaneous.....  | 6,358   |         |
|   | <u></u> | 27,492  |
|   |         | 567,603 |

## DEDUCT SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 846,303 |           |
| Provision for Replacement of Capital Assets.....  | 336,110 |           |
| Other.....  | 7,062   |           |
|   | <u></u> | 1,189,475 |

NET INCOME DEFICIT.....\$ 621,872

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation each year for about 8 months from early in April. The facilities operated by the National Harbours Board include 8,050 linear feet of wharves which provide 16 deepsea berths, with a minimum water depth of 30 feet, and two berths for coastal or small vessels. There are 7 transit sheds with a total floor area of about 229,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 2,949                   | 2,124,308                    |
| 1954.....          | 3,248                   | 2,067,984                    |
| 1953.....          | 2,857                   | 1,822,341                    |
| 1952.....          | 2,706                   | 1,848,710                    |
| 1951.....          | 2,778                   | 2,240,812                    |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 2,946                   | 2,120,074                    |
| 1954.....          | 3,249                   | 2,066,469                    |
| 1953.....          | 2,856                   | 1,822,148                    |
| 1952.....          | 2,718                   | 1,849,493                    |
| 1951.....          | 2,774                   | 2,240,513                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955                    |                              | 1954                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 347                     | 1,079,200                    | 333                     | 1,007,420                    |
| Coastal or inland commercial (including fishery)..... | 2,546                   | 995,981                      | 2,861                   | 1,009,309                    |
| Other.....  | 56                      | 49,127                       | 54                      | 51,255                       |
| Total.....  | 2,949                   | 2,124,308                    | 3,248                   | 2,067,984                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 347                     | 1,079,200                    | 333                     | 1,007,420                    |
| Coastal or inland commercial (including fishery)..... | 2,541                   | 989,516                      | 2,863                   | 1,009,832                    |
| Other.....  | 58                      | 51,358                       | 53                      | 49,217                       |
| Total.....  | 2,946                   | 2,120,074                    | 3,249                   | 2,066,469                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1955.....        | 186,280   | 483,894 | 670,174   |
| 1954.....        | 292,721   | 475,790 | 768,511   |
| 1953.....        | 264,016   | 620,940 | 884,956   |
| 1952.....        | 336,203   | 846,778 | 1,182,981 |
| 1951.....        | 358,319   | 537,663 | 895,982   |
| <i>Domestic—</i> |           |         |           |
| 1955.....        | 2,312,031 | 8,547   | 2,320,578 |
| 1954.....        | 2,415,997 | 37,005  | 2,453,002 |
| 1953.....        | 2,126,089 | 33,011  | 2,159,100 |
| 1952.....        | 2,129,874 | 25,551  | 2,155,425 |
| 1951.....        | 2,278,674 | 19,358  | 2,298,032 |
| <i>Total—</i>    |           |         |           |
| 1955.....        | 2,498,311 | 492,441 | 2,990,752 |
| 1954.....        | 2,708,718 | 512,795 | 3,221,513 |
| 1953.....        | 2,390,105 | 653,951 | 3,044,056 |
| 1952.....        | 2,466,077 | 872,329 | 3,338,406 |
| 1951.....        | 2,636,993 | 557,021 | 3,194,014 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Pulpwood  | Grain   | Coal,<br>bituminous | Petroleum<br>Oil,<br>fuel | Paper,<br>newsprint | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Sulphur | Calcium<br>Carbide | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Salt  |
|------------------|-----------|---------|---------------------|---------------------------|---------------------|----------|--|---------|--------------------|--|-------|
| <i>Foreign—</i>  |           |         |                     |                           |                     |          |  |         |                    |  |       |
| Inward—          |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | .....     | .....   | 95,669              | 43,639                    | .....               | 3,611    | .....  | 22,547  | .....              | 4,749  | 6,688 |
| 1954.....        | .....     | 280     | 118,757             | 113,669                   | .....               | 17,319   | .....  | 21,591  | .....              | 140  | 7,040 |
| Outward—         |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | .....     | 281,461 | .....               | 1,379                     | 126,302             | .....    | 28,174   | .....   | 15,855             | 1,019  | ..... |
| 1954.....        | .....     | 259,397 | .....               | 3,478                     | 160,778             | .....    | 9,907  | .....   | 17,646             | 951  | ..... |
| <i>Domestic—</i> |           |         |                     |                           |                     |          |  |         |                    |  |       |
| Inward—          |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | 1,508,358 | 288,464 | 201,215             | 225,892                   | .....               | 61,358   | .....  | .....   | .....              | 1,849  | ..... |
| 1954.....        | 1,729,367 | 251,590 | 230,089             | 140,490                   | .....               | 38,757   | .....  | .....   | .....              | 3,638  | ..... |
| Outward—         |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | .....     | 1,324   | .....               | 1,091                     | .....               | 21       | .....  | .....   | 1,213              | 18   | ..... |
| 1954.....        | .....     | 2,527   | .....               | 11,766                    | .....               | 2,039    | .....  | .....   | 1,989              | .....  | ..... |
| <i>Totals—</i>   |           |         |                     |                           |                     |          |  |         |                    |  |       |
| Inward—          |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | 1,508,358 | 288,464 | 296,884             | 269,531                   | .....               | 64,969   | .....  | 22,547  | .....              | 6,598  | 6,688 |
| 1954.....        | 1,729,367 | 251,870 | 348,846             | 254,159                   | .....               | 56,076   | .....  | 21,591  | .....              | 3,778  | 7,040 |
| Outward—         |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | .....     | 282,785 | .....               | 2,470                     | 126,302             | .....    | 28,174   | .....   | 17,068             | 1,037  | ..... |
| 1954.....        | .....     | 261,924 | .....               | 15,244                    | 160,778             | .....    | 9,907  | .....   | 19,635             | 951  | ..... |
| Total—           |           |         |                     |                           |                     |          |  |         |                    |  |       |
| 1955.....        | 1,508,358 | 571,249 | 296,884             | 272,001                   | 126,302             | 64,990   | 28,174   | 22,547  | 17,068             | 7,635  | 6,688 |
| 1954.....        | 1,729,367 | 513,794 | 348,846             | 269,403                   | 160,778             | 58,115   | 9,907  | 21,591  | 19,635             | 4,729  | 7,040 |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Coal,<br>anthracite | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets or<br>slabs | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Clay  | Wallboard | Hay<br>and<br>Straw | Iron or<br>Steel Wire<br>and Wire<br>Manu-<br>factures | Iron or<br>Steel<br>Tubes<br>Pipe and<br>Fittings | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|---------------------|--|--|-------|-----------|---------------------|--|---|---|-----------|
| <i>Foreign—</i>  |                     |  |  |       |           |                     |  |   |   |           |
| Inward—          |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        | 5,535               |  |  | 1,941 |           |                     | 734  |   | 1,167   | 186,280   |
| 1954.....        | 6,419               |  |  |       |           |                     |  |   | 7,506   | 292,721   |
| Outward—         |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        |                     | 4,893  | 2,914  |       | 7         |                     |  | 183   | 21,707  | 483,894   |
| 1954.....        |                     | 6,365  |  |       | 580       |                     |  |   | 16,688  | 475,790   |
| <i>Domestic—</i> |                     |  |  |       |           |                     |  |   |   |           |
| Inward—          |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        |                     |  |  |       | 1,416     |                     |  |   | 23,479  | 2,312,031 |
| 1954.....        |                     |  |  |       | 951       |                     |  |   | 21,115  | 2,415,997 |
| Outward—         |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        |                     |  |  |       | 22        | 870                 |  | 293   | 3,695   | 8,547     |
| 1954.....        |                     |  |  |       |           |                     |  |   | 18,684  | 37,005    |
| <i>Totals—</i>   |                     |  |  |       |           |                     |  |   |   |           |
| Inward—          |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        | 5,535               |  |  | 1,941 | 1,416     |                     | 734  |   | 24,646  | 2,498,311 |
| 1954.....        | 6,419               |  |  |       | 951       |                     |  |   | 28,621  | 2,708,718 |
| Outward—         |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        |                     | 4,893  | 2,914  |       | 29        | 870                 |  | 476   | 25,402  | 492,441   |
| 1954.....        |                     | 6,365  |  |       | 580       |                     |  |   | 35,372  | 512,795   |
| <i>Total—</i>    |                     |  |  |       |           |                     |  |   |   |           |
| 1955.....        | 5,535               | 4,893  | 2,914  | 1,941 | 1,445     | 870                 | 734  | 476   | 50,048  | 2,990,752 |
| 1954.....        | 6,419               | 6,365  |  |       | 1,531     |                     |  |   | 63,993  | 3,221,513 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1955.....         | 9,868,351  | 9,520,286  | 19,388,637 |
| 1954.....         | 8,558,423  | 8,842,656  | 17,401,079 |
| 1953.....         | 13,202,791 | 14,025,685 | 27,228,476 |
| 1952.....         | 14,288,567 | 21,767,482 | 36,056,049 |
| 1951.....         | 10,292,700 | 11,987,698 | 22,280,398 |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 24,960     | 108,267    | 133,227    |
| 1954.....         | 3,972,955  | 3,000      | 3,975,955  |
| 1953.....         | 1,943,521  | 8,500      | 1,952,021  |
| 1952.....         | 8,785,603  | 19,502     | 8,805,105  |
| 1951.....         | 1,925,798  | 2,000      | 1,927,798  |
| <i>Via other—</i> |            |            |            |
| 1955.....         |            | 487,016    | 487,016    |
| 1954.....         |            | 251,690    | 251,690    |
| 1953.....         |            | 178,830    | 178,830    |
| 1952.....         |            | 415,489    | 415,489    |
| 1951.....         | 579        | 177,534    | 178,113    |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 9,893,311  | 10,115,569 | 20,008,880 |
| 1954.....         | 12,531,378 | 9,097,346  | 21,628,724 |
| 1953.....         | 15,146,312 | 14,213,015 | 29,359,327 |
| 1952.....         | 23,074,170 | 22,202,473 | 45,276,643 |
| 1951.....         | 12,219,077 | 12,167,232 | 24,386,309 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$38,362. This provided for general maintenance of all wharves, transit sheds, roads and other facilities.

## CAPITAL WORKS

Capital expenditures amounted to \$16,856. The work consisted of paving 6,636 square yards of wharf surface at Sections 10, 11 and 12, which was done under a contract awarded to Page Equipment and Construction Co. Ltd.

## INCOME AND EXPENSE

Operating income amounted to \$349,418, as compared with \$344,180 in 1954, an increase of \$5,238. Operating and maintenance expenses were \$74,556, as against \$52,668 in 1954, an increase of \$21,888. Net operating income was \$274,862, as compared with \$291,512 in 1954.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$115,182 in 1955, as compared with a surplus of \$155,965 in the previous year.

## REPAYMENT OF DEBT

During the year, \$300,000 of earned surplus was applied to repayment of advances from the Government.





## HARBOUR OF THREE RIVERS

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 12,349         |           |
| Property Rentals..... | 2,139             |           |
|                       | <u>          </u> | \$ 14,488 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 147,033           |         |
| Dockage.....             | 34,744            |         |
| Wharf Space Rentals..... | 75,490            |         |
|                          | <u>          </u> | 257,267 |

##### Permanent Sheds—

|                   |  |        |
|-------------------|--|--------|
| Shed Rentals..... |  | 75,014 |
|-------------------|--|--------|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 2,649             |            |
|                             | <u>          </u> | \$ 349,418 |

#### DEDUCT OPERATING EXPENSES—

##### Operation and Maintenance—

|  |                   |        |
|--|-------------------|--------|
| Harbour (including \$15,000 for dredging)..... | 26,146            |        |
| Wharves and Piers.....                         | 12,579            |        |
| Permanent Sheds.....                           | 7,992             |        |
| Miscellaneous Services.....                    | 976               |        |
|  | <u>          </u> | 47,693 |

##### Administrative—

|  |                   |        |
|--|-------------------|--------|
| Salaries.....  | 18,063            |        |
| Contributions to Public Service Superannuation Account.... | 1,539             |        |
| Office Expenses.....                                       | 2,610             |        |
| Other.....   | 4,651             |        |
|  | <u>          </u> | 26,863 |

74,556

|                           |  |         |
|---------------------------|--|---------|
| NET OPERATING INCOME..... |  | 274,862 |
|---------------------------|--|---------|

#### ADD OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$2,243 applicable to Reserve Funds)..... | 55,394            |         |
| Miscellaneous.....  | 73                |         |
|   | <u>          </u> | 55,467  |
|   |                   | 330,329 |

#### DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 120,792           |         |
| Provision for Replacement of Capital Assets.....  | 82,488            |         |
| Provision for doubtful accounts.....              | 1,867             |         |
| Other.....  | 10,000            |         |
|   | <u>          </u> | 215,147 |

|                         |    |                       |
|-------------------------|----|-----------------------|
| NET INCOME SURPLUS..... | \$ | <u><u>115,182</u></u> |
|-------------------------|----|-----------------------|

HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation for about eight months each year, beginning early in April. The Board operates main piers, wharves and jetties providing 112 berths, totalling about 10 miles of berthing accommodation; 32 transit sheds, with an aggregate floor area of 2,418,000 square feet; also 4 grain elevators, with a total storage capacity of over 15,000,000 bushels, and 3½ miles of grain conveyor galleries; and a cold storage warehouse, with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 6 locomotive cranes are available.

SHIPPING

VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 5,227                   | 9,133,529                    |
| 1954.....          | 5,104                   | 9,099,820                    |
| 1953.....          | 5,221                   | 9,096,180                    |
| 1952.....          | 4,852                   | 8,702,609                    |
| 1951.....          | 4,423                   | 7,708,844                    |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 5,209                   | 9,117,928                    |
| 1954.....          | 5,102                   | 9,094,594                    |
| 1953.....          | 5,217                   | 9,094,118                    |
| 1952.....          | 4,855                   | 8,701,953                    |
| 1951.....          | 4,422                   | 7,709,539                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955              |                        | 1954              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,905             | 5,492,538              | 1,859             | 5,331,280              |
| Coastal or inland commercial (including fishery)..... | 3,288             | 3,629,759              | 3,193             | 3,753,149              |
| Other.....  | 34                | 11,232                 | 52                | 15,391                 |
| Total.....  | 5,227             | 9,133,529              | 5,104             | 9,099,820              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,905             | 5,492,538              | 1,859             | 5,331,280              |
| Coastal or inland commercial (including fishery)..... | 3,277             | 3,616,753              | 3,194             | 3,748,776              |
| Other.....  | 27                | 8,637                  | 49                | 14,538                 |
| Total.....  | 5,209             | 9,117,928              | 5,102             | 9,094,594              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1955.....        | 4,167,912 | 3,925,740 | 8,093,652  |
| 1954.....        | 4,657,381 | 4,092,333 | 8,749,714  |
| 1953.....        | 4,014,955 | 5,368,419 | 9,383,374  |
| 1952.....        | 3,410,954 | 5,959,043 | 9,369,997  |
| 1951.....        | 4,634,788 | 4,469,099 | 9,103,887  |
| <i>Domestic—</i> |           |           |            |
| 1955.....        | 4,182,747 | 3,564,167 | 7,746,914  |
| 1954.....        | 4,202,578 | 3,206,131 | 7,408,709  |
| 1953.....        | 4,392,198 | 3,123,769 | 7,515,967  |
| 1952.....        | 3,531,274 | 3,184,334 | 6,715,608  |
| 1951.....        | 2,162,294 | 3,650,859 | 5,813,153  |
| <i>Total—</i>    |           |           |            |
| 1955.....        | 8,350,659 | 7,489,907 | 15,840,566 |
| 1954.....        | 8,859,959 | 7,298,464 | 16,158,423 |
| 1953.....        | 8,407,153 | 8,492,188 | 16,899,341 |
| 1952.....        | 6,942,228 | 9,143,377 | 16,085,605 |
| 1951.....        | 6,797,082 | 8,119,958 | 14,917,040 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Petroleum<br>Oil,<br>fuel | Coal,<br>bituminous | Petroleum<br>Oil,<br>crude | Gasoline  | Cement,<br>common<br>or portland | Gypsum,<br>crude | Sugar,<br>raw | Flour,<br>wheat | Coal,<br>anthracite | Iron or<br>Steel,<br>scrap |
|------------------|-----------|---------------------------|---------------------|----------------------------|-----------|----------------------------------|------------------|---------------|-----------------|---------------------|----------------------------|
| <i>Foreign—</i>  |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| Inward—          |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 19,611    | 580,501                   | 190,746             | 980,152                    | 89,791    | 371,422                          | 6,841            | 376,641       | .....           | 177,018             | 5,411                      |
| 1954.....        | 345,132   | 748,400                   | 177,995             | 1,215,553                  | 71,340    | 264,448                          | 13               | 348,061       | ..... 2         | 179,036             | 11,056                     |
| Outward—         |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 2,290,482 | 30,312                    | .....               | .....                      | .....     | 8,888                            | 9                | 3             | 300,857         | .....               | 129,677                    |
| 1954.....        | 2,666,582 | 825                       | .....               | .....                      | 3         | 15                               | 10               | .....         | 379,281         | .....               | 124,635                    |
| <i>Domestic—</i> |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| Inward—          |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 2,377,154 | 117,266                   | 1,154,707           | 166                        | 63,455    | .....                            | 396,830          | 3,136         | 3               | .....               | 1,644                      |
| 1954.....        | 2,490,069 | 105,995                   | 1,205,961           | .....                      | 31,430    | 499                              | 322,618          | .....         | 3               | .....               | 51                         |
| Outward—         |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 476       | 1,689,425                 | 1,314               | 294,663                    | 892,474   | 190,372                          | 31,965           | .....         | 5,529           | 7,580               | .....                      |
| 1954.....        | 34,159    | 1,483,143                 | 92,220              | 320,512                    | 693,912   | 147,513                          | 30,016           | .....         | 4,833           | 5,084               | .....                      |
| <i>Totals—</i>   |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| Inward—          |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 2,396,765 | 697,767                   | 1,345,453           | 980,318                    | 153,246   | 371,422                          | 403,671          | 379,777       | 3               | 177,018             | 7,055                      |
| 1954.....        | 2,835,201 | 854,395                   | 1,383,956           | 1,215,553                  | 102,770   | 264,947                          | 322,631          | 348,061       | 5               | 179,036             | 11,107                     |
| Outward—         |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 2,290,958 | 1,719,737                 | 1,314               | 294,663                    | 892,474   | 199,260                          | 31,974           | 3             | 306,386         | 7,580               | 129,677                    |
| 1954.....        | 2,700,741 | 1,483,968                 | 92,220              | 320,512                    | 693,915   | 147,528                          | 30,026           | .....         | 384,114         | 5,084               | 124,635                    |
| Total—           |           |                           |                     |                            |           |                                  |                  |               |                 |                     |                            |
| 1955.....        | 4,687,723 | 2,417,504                 | 1,346,767           | 1,274,981                  | 1,045,720 | 570,682                          | 435,645          | 379,780       | 306,389         | 184,598             | 136,732                    |
| 1954.....        | 5,535,942 | 2,338,363                 | 1,476,176           | 1,536,065                  | 796,685   | 412,475                          | 352,657          | 348,061       | 384,119         | 184,120             | 135,742                    |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Iron Ore | Phosphate<br>Rock | Petroleum<br>Oil, refined<br>not<br>otherwise<br>specified | Molasses | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Oil Cake<br>and<br>Oil-cake<br>Meal | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Motor<br>Vehicles<br>and Parts | Glass<br>and<br>Glass<br>Manu-<br>factures | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified |
|------------------|---|----------|-------------------|--|----------|--|-------------------------------------|--|--------------------------------|--|--|
| <i>Foreign—</i>  |   |          |                   |  |          |  |                                     |  |                                |  |  |
| Inward—          |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 5,917   | 60,166   | 102,917           | 20,973   | 79,673   | 3,298  | .....                               | 4,221  | 25,381                         | 72,003                                     | 53,813   |
| 1954.....        | .....   | 101,371  | 124,356           | 27,563   | 50,397   | 7,742  | 556                                 | 3,949  | 25,073                         | 46,866                                     | 52,634   |
| Outward—         |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 121,617   | 25,368   | .....             | 314  | 1        | 69,639   | 86,438                              | 78,357   | 51,566                         | 322  | 11,617   |
| 1954.....        | 32,628  | 78,376   | .....             | 103  | .....    | 57,672   | 45,954                              | 65,451   | 27,270                         | 611  | 4,611  |
| <i>Domestic—</i> |   |          |                   |  |          |  |                                     |  |                                |  |  |
| Inward—          |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | .....   | 1,120    | .....             | 10,216   | .....    | 17,525   | .....                               | 1  | 358                            | 67   | 199  |
| 1954.....        | 372   | .....    | 448               | 5,631  | .....    | 11,340   | .....                               | 20   | 102                            | .....                                      | 26   |
| Outward—         |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 1,501   | 23,437   | 7,121             | 75,188   | 19,051   | 1,128  | .....                               | 351  | 2,856                          | 3,843                                      | 5,138  |
| 1954.....        | 1,133   | 22,859   | .....             | 78,918   | 13,215   | 1,485  | .....                               | 411  | 2,866                          | 2,615                                      | 3,347  |
| <i>Totals—</i>   |   |          |                   |  |          |  |                                     |  |                                |  |  |
| Inward—          |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 6,289   | 61,286   | 102,917           | 31,189   | 79,673   | 20,823   | .....                               | 4,222  | 25,739                         | 72,070                                     | 54,012   |
| 1954.....        | .....   | 101,371  | 124,804           | 33,194   | 50,397   | 19,082   | 556                                 | 3,969  | 25,175                         | 46,866                                     | 52,660   |
| Outward—         |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 123,118   | 48,805   | 7,121             | 75,502   | 19,052   | 70,767   | 86,438                              | 78,708   | 54,422                         | 4,165                                      | 16,755   |
| 1954.....        | 33,761  | 101,235  | .....             | 79,021   | 13,215   | 59,157   | 45,954                              | 65,862   | 30,136                         | 3,226                                      | 7,958  |
| Total—           |   |          |                   |  |          |  |                                     |  |                                |  |  |
| 1955.....        | 129,407   | 110,091  | 110,038           | 106,691  | 98,725   | 91,590   | 86,438                              | 82,930   | 80,161                         | 76,235                                     | 70,767   |
| 1954.....        | 33,761  | 202,606  | 124,804           | 112,215  | 63,612   | 78,239   | 46,510                              | 69,831   | 55,311                         | 50,092                                     | 60,618   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Strip and Tin Plate | Machinery and Parts (except agricultural) | Copper, refined, in bars, billets, cakes, cathodes, ingots or slabs | Chromic Ore | Nickel and Nickel Manufactures | Paper, newsprint | Iron or Steel, structural | Wood-pulp | Ferro-alloys | Beverages, alcoholic | Iron or Steel, in billets, blooms, ingots, pigs, sheet, bars or slabs |
|------------------|---|---|---|-------------|--------------------------------|------------------|---------------------------|-----------|--------------|----------------------|---|
| <i>Foreign—</i>  |   |   |   |             |                                |                  |                           |           |              |                      |   |
| Inward—          |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 44,256  | 32,933                                    | 287   | 37,422      | 96                             | 882              | 39,795                    | 1,474     | 87           | 30,214               | 141   |
| 1954.....        | 36,826  | 31,213                                    | .....   | 36,381      | 35                             | .....            | 25,812                    | 4,730     | 29           | 30,965               | 5,643   |
| Outward—         |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 20,874  | 17,186                                    | 51,963  | .....       | 47,938                         | 44,503           | 3,286                     | 41,119    | 37,476       | 5,678                | 36,184  |
| 1954.....        | 3,948   | 21,634                                    | 76,596  | .....       | 47,238                         | 41,565           | 1,040                     | 50,299    | 18,770       | 4,738                | 19  |
| <i>Domestic—</i> |   |   |   |             |                                |                  |                           |           |              |                      |   |
| Inward—          |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | .....   | 208                                       | .....   | .....       | 5                              | .....            | .....                     | 1,233     | 1,765        | .....                | .....   |
| 1954.....        | .....   | 249                                       | .....   | .....       | .....                          | 1,220            | 180                       | 2,252     | .....        | .....                | .....   |
| Outward—         |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 2,292   | 3,638                                     | 248   | 14,273      | 1                              | .....            | 1,599                     | .....     | .....        | 1,823                | .....   |
| 1954.....        | 1,752   | 1,660                                     | 295   | 26,783      | .....                          | 4                | 743                       | .....     | 1            | 1,630                | .....   |
| <i>Totals—</i>   |   |   |   |             |                                |                  |                           |           |              |                      |   |
| Inward—          |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 44,256  | 33,141                                    | 287   | 37,422      | 101                            | 882              | 39,795                    | 2,707     | 1,852        | 30,214               | 141   |
| 1954.....        | 36,826  | 31,462                                    | .....   | 36,381      | 35                             | 1,220            | 25,992                    | 6,982     | 29           | 30,965               | 5,643   |
| Outward—         |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 23,166  | 20,824                                    | 52,211  | 14,273      | 47,939                         | 44,503           | 4,885                     | 41,119    | 37,476       | 7,001                | 36,184  |
| 1954.....        | 5,700   | 23,294                                    | 76,891  | 26,783      | 47,238                         | 41,569           | 1,783                     | 50,299    | 18,771       | 6,368                | 19  |
| Total—           |   |   |   |             |                                |                  |                           |           |              |                      |   |
| 1955.....        | 67,422  | 53,965                                    | 52,498  | 51,695      | 48,040                         | 45,385           | 44,680                    | 43,826    | 39,328       | 37,215               | 36,325  |
| 1954.....        | 42,526  | 54,756                                    | 76,891  | 63,164      | 47,273                         | 42,789           | 27,775                    | 57,281    | 18,800       | 37,333               | 5,662   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fluorspar | Manganese<br>Ore | Asphalt<br>and<br>Asphalt<br>Manu-<br>factures | Benzol | Jute<br>and<br>Jute<br>Manu-<br>factures | Clay   | Sand<br>and<br>Gravel | Paper<br>not<br>otherwise<br>specified | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Dry<br>Goods<br>not<br>otherwise<br>specified | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified |
|------------------|-----------|------------------|--|--------|--|--------|-----------------------|--|--|---|---|
| <i>Foreign—</i>  |           |                  |  |        |  |        |                       |  |  |   |   |
| Inward—          |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 16,852    | 21,127           | 235  | 11,231 | 27,946                                   | 30,127 | 24,960                | 5,473                                  | 10,650   | 19,923  | 32  |
| 1954.....        | 4,151     | 13,696           | 266  | .....  | 22,116                                   | 17,385 | 22,128                | 5,261                                  | 5,970  | 22,651  | 14  |
| Outward—         |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 9,336     | .....            | 61   | 10,937 | 2,549                                    | .....  | 2                     | 15,382                                 | 12,328   | 2,743   | 22,932  |
| 1954.....        | .....     | .....            | 164  | .....  | 3,782                                    | 20     | 863                   | 14,812                                 | 9,625  | 2,649   | 12,284  |
| <i>Domestic—</i> |           |                  |  |        |  |        |                       |  |  |   |   |
| Inward—          |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | .....     | .....            | .....  | 8,578  | 2  | .....  | .....                 | 5                                      | 215  | 14  | 31  |
| 1954.....        | .....     | .....            | .....  | 2,526  | 4  | .....  | .....                 | 125                                    | 91   | 24  | .....   |
| Outward—         |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 8,129     | 12,395           | 31,368   | .....  | 122                                      | 28     | 84                    | 4,169                                  | 181  | 589   | 15  |
| 1954.....        | .....     | 13,664           | 25,720   | .....  | 34                                       | 11     | 49                    | 3,532                                  | 118  | 554   | 18  |
| <i>Totals—</i>   |           |                  |  |        |  |        |                       |  |  |   |   |
| Inward—          |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 16,852    | 21,127           | 235  | 19,809 | 27,948                                   | 30,127 | 24,960                | 5,478                                  | 10,865   | 19,937  | 63  |
| 1954.....        | 4,151     | 13,696           | 266  | 2,526  | 22,120                                   | 17,385 | 22,128                | 5,386                                  | 6,061  | 22,675  | 14  |
| Outward—         |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 17,465    | 12,395           | 31,429   | 10,937 | 2,671                                    | 28     | 86                    | 19,551                                 | 12,509   | 3,332   | 22,947  |
| 1954.....        | .....     | 13,664           | 25,884   | .....  | 3,816                                    | 31     | 912                   | 18,344                                 | 9,743  | 3,203   | 12,302  |
| Total—           |           |                  |  |        |  |        |                       |  |  |   |   |
| 1955.....        | 34,317    | 33,522           | 31,664   | 30,746 | 30,619                                   | 30,155 | 25,046                | 25,029                                 | 23,374   | 23,269  | 23,010  |
| 1954.....        | 4,151     | 27,360           | 26,150   | 2,526  | 25,936                                   | 17,416 | 23,040                | 23,730                                 | 15,804   | 25,878  | 12,316  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Salt   | Nuts   | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Feed,<br>animal<br>or<br>poultry,<br>not<br>otherwise<br>specified | Fruits,<br>dried | Fruits,<br>canned or<br>preserved | Electrical<br>Goods not<br>otherwise<br>specified | Sulphur | Ordnance<br>Stores<br>not<br>otherwise<br>specified |
|------------------|---|---|--------|--------|--|--|------------------|-----------------------------------|---|---------|---|
| <i>Foreign—</i>  |   |   |        |        |  |  |                  |                                   |   |         |   |
| Inward—          |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 21,385  | 144   | 17,807 | 20,149 | 15,013   | 139  | 19,074           | 16,122                            | 11,683  | 18,356  | 4,602   |
| 1954.....        | 23,449  | 6   | 13,774 | 19,692 | 16,410   | 35   | 19,906           | 20,335                            | 12,572  | 41,958  | 3,870   |
| Outward—         |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 593   | 14,718  | 165    | 211    | 4,014  | 12,894   | 231              | 2,685                             | 5,949   | .....   | 13,690  |
| 1954.....        | 494   | 14,221  | 181    | 11     | 1,653  | 10,859   | 5                | 1,130                             | 6,214   | .....   | 14,283  |
| <i>Domestic—</i> |   |   |        |        |  |  |                  |                                   |   |         |   |
| Inward—          |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | .....   | .....   | 2,500  | .....  | .....  | 197  | .....            | 313                               | 33  | .....   | .....   |
| 1954.....        | .....   | .....   | .....  | .....  | 2  | 240  | .....            | 205                               | 20  | .....   | .....   |
| Outward—         |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 91  | 6,305   | 271    | .....  | 1,161  | 6,428  | 181              | 172                               | 1,409   | .....   | 2   |
| 1954.....        | 3,323   | 6,864   | 501    | .....  | 1,519  | 4,196  | 151              | 269                               | 1,421   | .....   | .....   |
| <i>Totals—</i>   |   |   |        |        |  |  |                  |                                   |   |         |   |
| Inward—          |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 21,385  | 144   | 20,307 | 20,149 | 15,013   | 336  | 19,074           | 16,435                            | 11,716  | 18,356  | 4,602   |
| 1954.....        | 23,449  | 6   | 13,774 | 19,692 | 16,412   | 275  | 19,906           | 20,540                            | 12,592  | 41,958  | 3,870   |
| Outward—         |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 684   | 21,023  | 436    | 211    | 5,175  | 19,322   | 412              | 2,857                             | 7,358   | .....   | 13,692  |
| 1954.....        | 3,817   | 21,085  | 682    | 11     | 3,172  | 15,055   | 156              | 1,399                             | 7,635   | .....   | 14,283  |
| Total—           |   |   |        |        |  |  |                  |                                   |   |         |   |
| 1955.....        | 22,069  | 21,167  | 20,743 | 20,360 | 20,188   | 19,658   | 19,486           | 19,292                            | 19,074  | 18,356  | 18,294  |
| 1954.....        | 27,266  | 21,091  | 14,456 | 19,703 | 19,584   | 15,330   | 20,062           | 21,939                            | 20,227  | 41,958  | 18,153  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Brick  | Settlers' Effects | Confectionery | China-ware, Earthen-ware and Porcelain-ware | Wool, unmanufactured, and Wool Yarns | Pulpwood (except Wallboard) | Tea    | Fruits and Fruit Products (including Juices) not otherwise specified | Rock and Stone | All Goods and not otherwise specified | Totals     |
|------------------|--------|-------------------|---------------|---|--------------------------------------|-----------------------------|--------|--|----------------|---------------------------------------|------------|
| <i>Foreign—</i>  |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| Inward—          |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 11,335 | 10,456            | 14,783        | 15,193                                      | 13,362                               | 41                          | 14,937 | 13,972   | 12,892         | 333,828                               | 4,167,912  |
| 1954.....        | 7,414  | 14,390            | 13,958        | 14,601                                      | 12,007                               | 4                           | 12,754 | 17,759   | 11,695         | 293,977                               | 4,657,381  |
| Outward—         |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 6,440  | 7,015             | 402           | 156   | 1,989                                | 12,447                      | .....  | 307  | 23             | 253,867                               | 3,925,740  |
| 1954.....        | 5,315  | 5,867             | 377           | 114   | 1,170                                | 4,340                       | .....  | 184  | .....          | 231,842                               | 4,092,333  |
| <i>Domestic—</i> |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| Inward—          |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | .....  | 73                | .....         | 1   | .....                                | .....                       | .....  | .....  | 1              | 23,355                                | 4,182,747  |
| 1954.....        | .....  | 40                | .....         | .....                                       | .....                                | .....                       | .....  | .....  | .....          | 21,206                                | 4,202,578  |
| Outward—         |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 335    | 103               | 1,594         | 50  | 5                                    | 2,807                       | .....  | 536  | 1,407          | 207,444                               | 3,564,167  |
| 1954.....        | 358    | 95                | 1,374         | 60  | 15                                   | 233                         | .....  | 506  | 1,973          | 168,464                               | 3,206,131  |
| <i>Totals—</i>   |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| Inward—          |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 11,335 | 10,529            | 14,783        | 15,193                                      | 13,362                               | 41                          | 14,937 | 13,972   | 12,893         | 357,183                               | 8,350,659  |
| 1954.....        | 7,414  | 14,430            | 13,958        | 14,602                                      | 12,007                               | 4                           | 12,754 | 17,759   | 11,695         | 315,183                               | 8,859,959  |
| Outward—         |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 6,775  | 7,118             | 1,996         | 206   | 1,994                                | 15,254                      | .....  | 843  | 1,430          | 461,311                               | 7,489,907  |
| 1954.....        | 5,673  | 5,962             | 1,751         | 174   | 1,185                                | 4,573                       | .....  | 690  | 1,973          | 400,306                               | 7,298,464  |
| <i>Total—</i>    |        |                   |               |   |                                      |                             |        |  |                |                                       |            |
| 1955.....        | 18,110 | 17,647            | 16,779        | 15,399                                      | 15,356                               | 15,295                      | 14,937 | 14,815   | 14,323         | 819,494                               | 15,840,566 |
| 1954.....        | 13,087 | 20,392            | 15,709        | 14,776                                      | 13,192                               | 4,577                       | 12,754 | 18,449   | 13,668         | 715,489                               | 16,158,423 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

| —                 | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1955.....         | 57,184 | 45,404   | 102,588 |
| 1954.....         | 42,170 | 31,025   | 73,195  |
| 1953.....         | 35,171 | 26,679   | 61,850  |
| 1952.....         | 43,805 | 28,239   | 72,044  |
| 1951.....         | 30,657 | 21,717   | 52,374  |
| <i>Coastwise—</i> |        |          |         |
| 1955.....         | 37,181 | 39,771   | 76,952  |
| 1954.....         | 39,262 | 39,619   | 78,881  |
| 1953.....         | 36,368 | 39,713   | 76,081  |
| 1952.....         | 37,070 | 39,002   | 76,072  |
| 1951.....         | 37,358 | 40,521   | 77,879  |
| <i>Total—</i>     |        |          |         |
| 1955.....         | 94,365 | 85,175   | 179,540 |
| 1954.....         | 81,432 | 70,644   | 152,076 |
| 1953.....         | 71,539 | 66,392   | 137,931 |
| 1952.....         | 80,875 | 67,241   | 148,116 |
| 1951.....         | 68,015 | 62,238   | 130,253 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1955, with comparisons for previous years.

| —                 | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1955.....         | 88,985,445  | 83,447,230  | 172,432,675 |
| 1954.....         | 104,004,050 | 95,549,726  | 199,553,776 |
| 1953.....         | 117,455,831 | 144,983,724 | 262,439,555 |
| 1952.....         | 95,961,319  | 152,031,728 | 247,993,047 |
| 1951.....         | 53,948,235  | 100,570,526 | 154,518,761 |
| <i>Via rail—</i>  |             |             |             |
| 1955.....         | 10,247,391  | 10,246,967  | 20,494,358  |
| 1954.....         | 9,735,532   | 12,296,443  | 22,031,975  |
| 1953.....         | 48,618,859  | 9,460,129   | 58,078,988  |
| 1952.....         | 69,265,117  | 9,120,352   | 78,385,469  |
| 1951.....         | 55,301,208  | 6,430,637   | 61,731,845  |
| <i>Via other—</i> |             |             |             |
| 1955.....         | 159,413     | 7,471,693   | 7,631,106   |
| 1954.....         | 131,069     | 5,686,377   | 5,817,446   |
| 1953.....         | 294,588     | 4,550,135   | 4,844,723   |
| 1952.....         | 285,897     | 3,910,005   | 4,195,902   |
| 1951.....         | 894,123     | 2,080,560   | 2,974,683   |
| <i>Total—</i>     |             |             |             |
| 1955.....         | 99,392,249  | 101,165,890 | 200,558,139 |
| 1954.....         | 113,870,651 | 113,532,546 | 227,403,197 |
| 1953.....         | 166,369,278 | 158,993,988 | 325,363,266 |
| 1952.....         | 165,512,333 | 165,062,085 | 330,574,418 |
| 1951.....         | 110,143,566 | 109,081,723 | 219,225,289 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1955, with comparison for 1954.

|  | 1955    | 1954    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 44,891  | 38,946  |
| Non-revenue cars.....  | 16,370  | 13,954  |
| Total.....   | 61,261  | 52,900  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 34,436  | 31,220  |
| Non-revenue cars.....  | 25,792  | 21,575  |
| Total.....   | 60,228  | 52,795  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 18      | 8       |
| Non-revenue cars.....  |         |         |
| Total.....   | 18      | 8       |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 1,960   | 1,932   |
| Non-revenue cars.....  |         |         |
| Total.....   | 1,960   | 1,932   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 81,305  | 72,106  |
| Non-revenue cars.....  | 42,162  | 35,529  |
| Total.....   | 123,467 | 107,635 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,153,556. The larger items were repairs to 80 feet of the western face of the timber wharf at sections 101 and 102; paving wharf at sections 36, 37 and 38; rewiring lower floors of sheds 13 and 15 to 18 inclusive; interior and exterior painting of transit shed 9; replacement of 25 elevator belts and 2,200 elevator buckets; overhaul and repairs to grain elevator scales; exterior painting of grain gallery at shed 2, and general maintenance of all harbour facilities and equipment.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,400,637, of which \$36,638 was provided from replacement fund. The principal items were:—

*Reconstruction of Wharf, Sections 40-42.*—A contract was awarded in September, 1953, to The Foundation Company of Canada Limited for the reconstruction of 1,500 ft. length of wharf at Sections 40, 41 and 42 and converting it from low to high level. The reconstructed wharf consists of reinforced concrete cribs filled, backfilled with gravel, with a reinforced concrete copewall on top and earth embankment at the rear. At the end of 1954, 94% of the work was done and the balance was completed in 1955.

*Installation of Two Car Dumpers at Elevators 1 and 2.*—Two contracts were awarded to Atlas Construction Company Limited in 1953 and 1954 for the construction of car dumper foundations and the construction of car dumper houses, towers and galleries. A contract was also awarded to the United Steel Corporation Limited for the supply and installation of two car dumpers. At the end of 1954, only the installation of auxiliary machinery remained to be done. This was completed early in 1955 and the car dumpers were put in operation.



*Construction of Approach Walls and Embankment, Dezery Street Subway.*—A contract for the construction of reinforced concrete walls with weepers, macadam surfacing of roadway, and installing a drainage line manhole, was awarded to Charles Duranceau Limited in April, 1955. The work was completed in August.

*Reconstruction of Roadway, Section 35.*—The construction of two transit sheds at Section 35 necessitated the reconstruction of the roadway, the consequent rearrangement of railway tracks and the construction of approaches to the new sheds. The work was carried out under a contract awarded to Charles Duranceau Limited in April.

*New Transit Sheds 34 and 35.*—Argo Construction Limited was awarded a contract in November 1954 for the construction of 2 single-storey steel frame transit sheds, 397 feet by 111 feet and 452 feet by 111 feet, at section 35. Very little work was done on this contract in 1954. The sheds were completed in 1955.

*Construction of Ramp and Division Walls in Sheds 3 and 5.*—In January, a contract was awarded to Leeds Construction Limited for the construction of a wider vehicular ramp between transit sheds 3 and 5, the construction of masonry fire walls, also the furnishing and placing of fire and curtain doors. The work was completed in June.

*Rearrangement of Tracks, Sections 30-36.*—Due to the construction of two transit sheds at section 35, it was necessary to construct new approach and storage tracks. The work was carried out by Board forces and was completed during the year.

*Additional Condenser, Cold Storage Warehouse.*—A new 120-ton condenser was required to relieve the load of the condensing part of the refrigerator cycle at the cold storage powerhouse. A contract was awarded in April 1955 to Mechanical Contractors Limited for the supplying and installation of this condenser. The work was completed in May.

*Diversion of Power Lines, Sections 33 to 36.*—The reconstruction of roadway at section 35 and the rearrangement of tracks at sections 30 to 36 necessitated the diversion of the existing transmission line and certain alterations and extensions to underground cables to supply electricity to vessels. This work was carried out by Board forces and completed during the year.

*Conversion of Two 30-ton Locomotive Cranes from Steam to Diesel Operation.*—A contract was awarded to Hewitt Equipment Limited in February for the conversion of locomotive cranes 14 and 15 from steam to diesel engine operation. The work was completed in December.

*Construction of New Offices in Sheds 2 and 3.*—A contract was awarded to Charles Duranceau Limited in January for the construction of new offices in sheds 2 and 3, also the demolition and alterations of old offices in shed 2. The work was completed in July.

*Extension of Wharf, Sections 50-53.*—A contract was awarded in August to E. G. M. Cape and Company for the construction of a 1,610 foot wharf at sections 50-53 by means of the concrete crib and copewall method. Only preliminary work was done in 1955.

*Extension of Wharf, Sections 58-61.*—The Foundation Company of Canada Limited was awarded a contract in November for the construction of a 1,500 foot wharf at sections 58-61. This wharf will be the concrete crib and copewall type. Preliminary work only was done during the year.

*Raising Sutherland Pier, Sections 46-47.*—In October, a contract was awarded to Spino Construction Limited for the raising of Sutherland Pier,

sections 46-47, from low to high level to permit the construction of sheds and to provide a high level roadway between sections 44 and 47. Approximately 22% of the work was completed by the end of the year.

*Construction of Subway Ramps and Walls, Pie IX Subway.*—The Foundation Company of Canada Limited was awarded a contract in November 1955 for the construction of approach walls and ramps at Pie IX subway. About 45% of the work was completed in 1955.

*Extension to Transit Shed No. 40.*—Anglin-Norcross Quebec Limited was awarded a contract in November for the construction of a 242 foot extension to single-storey shed 40. The shed, when completed, will be 462 feet by 120 feet. Preliminary work only was done on this contract during the year.

*Construction of Offices and Toilet Facilities in Elevators 1, 2, 3 and B.*—A contract was awarded to Benjamin G. Church Limited in September 1954 for the construction of new offices for the Grain Commissioners' staff at elevators 3 and B and new toilet facilities in the offices at elevators 1 and 2. The work was completed in March.

*Construction of Transit Shed at Section 28.*—A contract was awarded to Walter G. Hunt Company Limited in March for the construction of a single-storey steel frame transit shed at section 28. The shed, 211 feet by 51 feet, was completed and in use in July.

*Paving at Sections 27-28 and Raising Wharf Apron at Section 27.*—Charles Duranceau Limited was awarded a contract in April for the construction of a concrete retaining wall east of shed 27, grading and paving wharf with bituminous concrete at sections 27 and 28, and the preparation of the subgrade for railway tracks at section 28. The work was completed in June.

*Rearrangement of Tracks at Sections 27 and 28.*—Due to the construction of a transit shed at section 28, it was necessary to rearrange the trackage at sections 27-28. The work was carried out by Board forces and completed in 1955.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—the installation of additional cargo handling fixtures in two sheds; the construction of 1,000 pallets for fork lift trucks at the cold storage warehouse; alterations to flood wall and track layout at section 20; the construction of additional railway siding at section 72; the purchase of one fork lift truck, two automobiles, one motorcycle, three  $\frac{3}{4}$ -ton trucks, one  $\frac{1}{2}$ -ton truck, one portable office and one gasoline driven generator set.

## INCOME AND EXPENSE

Operating income amounted to \$8,308,616, as compared with \$8,166,370 in 1954, an increase of \$142,246. Receipts from the operation of wharves, sheds and terminal railway, and also from miscellaneous services, were somewhat higher than in the previous year, but those from grain elevators and cold storage warehouse were lower. Operating and maintenance expenses increased slightly, the figure for 1955 being \$4,680,740, as compared with \$4,609,110 in 1954. Net operating income was \$3,627,876 in 1955, as against \$3,557,260 in 1954, an increase of \$70,616.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$1,391,180, as compared with a surplus of \$1,317,321 in 1954.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.

# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1955

(EXCLUDING JACQUES CARTIER BRIDGE)

## ASSETS

| CURRENT—                                |                     | LIABILITIES  |                  |
|---|---------------------|--|------------------|
| Cash.....                               | \$ 1,247,406        | Accounts Payable and Accrued Liabilities—General\$ | 359,354          |
| Accounts Receivable.....                | 741,872             | Provision for Pension Fund Adjustments.....        | 116,903          |
| Less: Provision for Doubtful Accounts.. | 2,424               |  | <u>476,257</u>   |
| Accrued Income.....                     | 739,448             | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....     | 428,559          |
| Prepaid Expenses—                       | 154,997             | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....       | 447,794          |
| Stores on Hand.....                     | 478,044             | CONTRACTORS' HOLDBACKS.....                        | 34,979           |
| Other.....                              | 9,306               | DEFERRED INCOME.....                               | 79,142           |
| Miscellaneous.....                      | 487,350             |  | <u>1,466,731</u> |
|   | 35,685              |  |                  |
|   | <u>\$ 2,664,886</u> |  |                  |

## RESERVE FUND ASSETS—

(Cash \$154,090 investment in bonds, at amortized cost \$20,748,641 with market value of \$20,305,873)

|                                    |                   |
|------------------------------------|-------------------|
| Replacement of Capital Assets..... | 19,323,166        |
| Fire and General Insurance.....    | 1,579,565         |
|                                    | <u>20,902,731</u> |

## SPECIAL FUND ASSETS—

(Cash \$273,794 bonds \$174,000)  
Contractor' Security Deposits.....

20,902,731

## PRELIMINARY CAPITAL EXPENSE.

|                                 |                |
|---------------------------------|----------------|
| DEBIT BALANCES IN SUSPENSE..... | 447,794        |
|                                 | <u>173,772</u> |
|                                 | 5,863          |

## CAPITAL ASSETS—

(at cost or estimated cost)

|                                   |            |
|-----------------------------------|------------|
| Harbour Dredging.....             | 5,616,356  |
| Real Estate.....                  | 2,219,318  |
| Roads, Fences and Boundaries..... | 1,002,212  |
| Sewers and Drains.....            | 180,328    |
| Miscellaneous Structures.....     | 405,900    |
| Wharves and Piers.....            | 25,554,713 |

|  |                   |
|--|-------------------|
| Assets transferred to the Board on its establishment and subsequently..... | 5,526,950         |
| Loans and Advances.....  | 69,270,469        |
| Interest in arrears on Loans and Advances.....                             | 2,761,973         |
| Reserves—  |                   |
| Replacement of Capital Assets.....   | \$ 25,523,144     |
| Fire and General Insurance.....  | 1,579,565         |
|  | <u>27,102,709</u> |
|  | 104,662,101       |



|                                      |               |
|--------------------------------------|---------------|
| Permanent Sheds.....                 | 9,684,316     |
| Shed Hoists and Electric Cranes..... | 394,235       |
| Railway System.....                  | 4,971,726     |
| Grain Elevator System.....           | 15,915,322    |
| Cold Storage System.....             | 3,085,480     |
| Office Furniture and Appliances..... | 76,640        |
| Harbour Buildings.....               | 506,025       |
| Central Heating Plants.....          | 16,579        |
| Harbour Shops.....                   | 232,403       |
| Electric Power System.....           | 1,145,271     |
| Water Supply System.....             | 289,579       |
| Floating Equipment.....              | 861,100       |
| Shore Equipment.....                 | 357,961       |
| Miscellaneous Small Plant.....       | 49,598        |
| Works under Construction.....        | 2,121,789     |
|                                      | <hr/>         |
|                                      | 74,686,851    |
|                                      | <hr/>         |
|                                      | \$ 98,881,897 |
|                                      | <hr/>         |

|                                  |            |
|----------------------------------|------------|
| Deduct—Deficit—                  |            |
| Balance as at Jan. 1, 1955.....  | 8,586,787  |
| Add: Prior years' adjustments    |            |
| (Net).....                       | 51,328     |
|                                  | <hr/>      |
|                                  | 8,638,115  |
| Less: Net Income Surplus for the |            |
| year ended Dec. 31, 1955 per     |            |
| statement of Income and          |            |
| Expense.....                     | 1,391,180  |
|                                  | <hr/>      |
|                                  | 7,246,935  |
|                                  | <hr/>      |
|                                  | 97,415,166 |

---

\$ 98,881,897

---



## HARBOUR OF MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955  
(EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

|                             |    |                     |  |
|-----------------------------|----|---------------------|--|
| Harbour—                    |    |                     |  |
| Harbour Dues.....           | \$ | 61,440              |  |
| Property Rentals.....       |    | 31,895              |  |
|                             |    | <u>93,335</u>       |  |
| Wharves and Piers—          |    |                     |  |
| Top Wharfage.....           |    | 2,464,837           |  |
| Dockage.....                |    | 487,516             |  |
| Wharf Space Rentals.....    |    | 287,800             |  |
| Miscellaneous.....          |    | 34,660              |  |
|                             |    | <u>3,274,813</u>    |  |
| Grain Elevator System—      |    |                     |  |
| Elevation.....              |    | 1,513,946           |  |
| Storage.....                |    | 1,043,746           |  |
| Miscellaneous.....          |    | 151,755             |  |
|                             |    | <u>2,709,447</u>    |  |
| Cold Storage System—        |    |                     |  |
| Storage.....                |    | 352,922             |  |
| Miscellaneous.....          |    | 84,267              |  |
|                             |    | <u>437,189</u>      |  |
| Permanent Sheds—            |    |                     |  |
| Shed Rentals.....           |    | 478,734             |  |
| Storage.....                |    | 40,301              |  |
| Miscellaneous.....          |    | 885                 |  |
|                             |    | <u>519,920</u>      |  |
| Railway System.....         |    | 793,371             |  |
| Miscellaneous Services..... |    | 480,541             |  |
|                             |    | <u>\$ 8,308,616</u> |  |

## DEDUCT OPERATING EXPENSES—

|  |  |                  |                  |
|--|--|------------------|------------------|
| Operation and Maintenance—                                 |  |                  |                  |
| Harbour (including \$60,352 for Dredging).....             |  | 465,089          |                  |
| Wharves and Piers.....                                     |  | 125,925          |                  |
| Grain Elevator System.....                                 |  | 1,714,577        |                  |
| Cold Storage System.....                                   |  | 371,550          |                  |
| Permanent Sheds.....                                       |  | 181,209          |                  |
| Railway System.....  |  | 732,120          |                  |
| Miscellaneous Services.....                                |  | 549,777          |                  |
|  |  | <u>4,140,247</u> |                  |
| Administrative—  |  |                  |                  |
| Salaries.....  |  | 125,640          |                  |
| Contributions to Public Service Superannuation Account.... |  | 228,091          |                  |
| Office Expenses.....                                       |  | 13,632           |                  |
| Other.....   |  | 173,130          |                  |
|  |  | <u>540,493</u>   |                  |
|  |  |                  | <u>4,680,740</u> |
| NET OPERATING INCOME.....                                  |  |                  | 3,627,876        |

## ADD OTHER INCOME—

|  |                |                  |
|--|----------------|------------------|
| Income from Investments (less \$47,964 applicable to Reserve Funds)..... | 581,169        |                  |
| Miscellaneous.....   | 39,515         |                  |
|  | <u>620,684</u> |                  |
|  |                | <u>4,248,560</u> |

## DEDUCT SPECIAL CHARGES—

|   |                  |  |
|---|------------------|--|
| Provision for Interest on Loans and Advances..... | 1,903,933        |  |
| Provision for Replacement of Capital Assets.....  | 937,139          |  |
| Other.....  | 16,308           |  |
|   | <u>2,857,380</u> |  |

NET INCOME SURPLUS..... \$ 1,391,180

## JACQUES CARTIER BRIDGE—MONTREAL

### TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1955, with comparison for 1954.

|                              | 1955       | 1954       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 14,073,996 | 13,624,027 |
| Automobiles (Passenger)..... | 7,850,547  | 6,792,009  |
| Trucks.....                  | 1,263,401  | 1,163,135  |
| Buses.....                   | 151,636    | 145,957    |
| All Others.....              | 121,407    | 57,264     |

### CAPITAL WORKS

*Widening of Roadway, Downstream Side, Jacques Cartier Bridge.*—A contract was awarded to Dominion Bridge Company Limited in June for the widening of the roadway on the downstream side of the bridge, to provide an additional traffic lane. About one-third of the work had been done by the end of the year, the cost being \$229,442.

### INCOME AND EXPENSE

Bridge tolls and sundry income amounted to \$2,100,393, exceeding those of the previous year by \$288,870. Operating and maintenance expenses were \$233,000, as compared with \$220,917 in 1954.

In addition to the amount of \$233,000 charged as current expense, \$14,640 was spent from reserve funds for special maintenance.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus in 1955 of \$886,222, as compared with a surplus of \$584,239 in the previous year.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was applied to the extent of \$500,000 to reduce the capital debt to \$15,426,000. In addition, \$696,062 was invested in short-term Canada bonds. These funds are being reserved for future capital expenditures.

• Jacques Cartier Bridge—Montreal  
BALANCE SHEET AS AT DECEMBER 31, 1955

| ASSETS   |   | LIABILITIES   |  |
|--|---|---|--|
| CURRENT—   | Cash.....                                   | Current—  | Accounts Payable and Accrued Liabilities—General.....\$ 28,250 |
|  | Accounts Receivable.....\$ 26,836           | DEFERRED INCOME.....  | 7,375  |
|  | Less: Provision for Doubtful Accounts.. 112 |   |  |
|  | 26,724                                      |   |  |
| Prepaid Expenses—  |   | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |  |
|  | Stores on Hand.....                         | Loans and Advances—   |  |
|  | Other.....9,517                             | Capital Debt.....\$ 15,426,000  |  |
|  | 9,517                                       | Deficit Debt.....6,489,605  |  |
|  | 483,462                                     | Interest in Arrears on Deficit Debt.....5,722,770   |  |
|  |   |   | 35,625   |
| DUE FROM THE PROVINCE OF QUEBEC—   |   | Reserves—   |  |
| Under agreement to share Jacques Cartier Bridge deficits.....                                    |   | Replacement of Capital Assets.....\$ 3,973,408  |  |
|  | 744,425                                     | Special Maintenance.....514,370   |  |
|  |   |   | 4,487,778  |
| RESERVE FUND ASSETS—   |   | Deduct: Deficit—  |  |
| (Cash \$41,461; investment in bonds, at amortized cost \$472,812 with market value of \$459,168) |   | Balance as at Jan. 1, 1955.....11,149,624   |  |
|  | 514,273                                     | Add: Prior years' adjustments (Net).....55  |  |
|  |   |   | 11,149,679   |
| INVESTMENT IN BONDS—   |   | Less: Net Income Surplus for the year ended Dec. 31, 1955 per statement of Income and Expense.... |  |
| (at amortized cost, market value \$696,092) .....  |   | 10,263,457  |  |
|  | 696,062                                     |   | 21,862,696   |
| DEFERRED CHARGE—   |   |   |  |
| Unamortized Balance of bond discount and redemption expense.                                     |   |   |  |
|  | 848,450                                     |   |  |
| CAPITAL ASSETS—  |   |   |  |
| (at cost)  |   |   |  |
| Bridge Construction and Right-of-Way, etc.....   |   |   |  |
|  | 18,611,649                                  |   |  |
|  |   |   |  |
|  | \$ 21,898,321                               |   | \$ 21,898,321  |

## JACQUES CARTIER BRIDGE—MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

### OPERATING INCOME—

|                      |               |              |
|----------------------|---------------|--------------|
| Bridge Tolls.....    | \$ 2,074,710  |              |
| Sundry Receipts..... | 25,683        |              |
|                      | <u>25,683</u> | \$ 2,100,393 |

### DEDUCT OPERATING EXPENSES—

#### Operation and Maintenance—

|                  |               |         |
|------------------|---------------|---------|
| Operation.....   | \$ 145,193    |         |
| Maintenance..... | 56,085        |         |
|                  | <u>56,085</u> | 201,278 |

#### Administrative—

|  |               |                |
|--|---------------|----------------|
| Salaries.....  | 9,207         |                |
| Contributions to Public Service Superannuation Account.... | 7,427         |                |
| Office Expenses.....                                       | 1,371         |                |
| Other.....   | 13,717        |                |
|  | <u>13,717</u> | 31,722         |
|  |               | <u>233,000</u> |

NET OPERATING INCOME..... 1,867,393

### ADD OTHER INCOME—

|  |            |                  |
|--|------------|------------------|
| Income from Investments (less \$13,898 applicable to Reserve Funds)..... | 1,852      |                  |
| Miscellaneous.....   | 103        |                  |
|  | <u>103</u> | 1,955            |
|  |            | <u>1,869,348</u> |

### DEDUCT SPECIAL CHARGES—

|  |              |         |
|--|--------------|---------|
| Provision for Interest on Loans and Advances.....        | 751,826      |         |
| Provision for Replacement of Capital Assets.....         | 166,328      |         |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334       |         |
| Provision for Doubtful Accounts.....                     | 112          |         |
| Other.....   | 3,526        |         |
|  | <u>3,526</u> | 983,126 |

NET INCOME SURPLUS.....\$ 886,222



## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1955.....         | 41,392,406 | 31,013,544 | 72,405,950 |
| 1954.....         | 41,273,152 | 34,605,361 | 75,878,513 |
| 1953.....         | 22,817,285 | 14,992,908 | 37,810,193 |
| 1952.....         | 16,674,275 | 13,288,311 | 29,902,586 |
| 1951.....         | 9,173,409  | 6,317,575  | 15,490,984 |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 45,555     | 8,258,000  | 8,303,645  |
| 1954.....         | 85,154     | 6,868,157  | 6,953,311  |
| 1953.....         | 298,713    | 4,608,462  | 4,907,175  |
| 1952.....         | 735,443    | 3,372,419  | 4,107,862  |
| 1951.....         | 676,129    | 2,422,427  | 3,098,556  |
| <i>Via other—</i> |            |            |            |
| 1955.....         |            | 2,026,598  | 2,026,598  |
| 1954.....         |            | 983,009    | 983,009    |
| 1953.....         | 482        | 799,995    | 800,477    |
| 1952.....         | 3,765      | 499,520    | 503,285    |
| 1951.....         | 730        | 293,356    | 294,086    |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 41,437,961 | 41,298,232 | 82,736,193 |
| 1954.....         | 41,358,306 | 42,456,527 | 83,814,833 |
| 1953.....         | 23,116,480 | 20,401,365 | 43,517,845 |
| 1952.....         | 17,413,483 | 17,100,250 | 34,513,733 |
| 1951.....         | 9,850,268  | 9,033,358  | 18,883,626 |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a cost of \$66,833. The principal items were repairs to marine leg casings and curtains; repairs to shipping spouts and inside spouting; replacement of three conveyors; replacement of reduction gear in one marine tower; rewinding four marine leg motors; maintenance of inside circuits, signal system and inter-phone system and general maintenance of roads and railway tracks.

### CAPITAL WORKS

Capital expenditure amounted to \$5,640, being for preliminary engineering work in connection with the installation of dust control equipment.

## INCOME AND EXPENSE

Operating income amounted to \$995,449, as compared with \$1,035,271 in 1954. Expenses on operation and maintenance were \$430,200, as against \$397,744 in the previous year.

Net income surplus for the year was \$569,565, as compared with a surplus of \$644,028 in 1954. No provision is made in the accounts of this facility for reserve for replacement of capital assets, other than for office furniture and appliances and miscellaneous small plant. Also, there is no charge for interest on the original capital outlay.

# Prescott Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1955

### ASSETS

|                          |               |
|--------------------------|---------------|
| CURRENT—                 |               |
| Cash.....                | \$ 407,984    |
| Accounts Receivable..... | 184,804       |
| Accrued Income.....      | 60            |
| Prepaid Expenses—        |               |
| Stores on Hand.....      | \$ 14,174     |
| Other.....               | 19            |
|                          | <u>14,193</u> |
|                          | \$ 607,041    |

### SPECIAL FUND ASSETS—

|                                     |       |
|-------------------------------------|-------|
| (Cash)                              |       |
| Contractors' Security Deposits..... | 1,060 |

|                                  |       |
|----------------------------------|-------|
| PRELIMINARY CAPITAL EXPENSE..... | 1,489 |
|----------------------------------|-------|

|                                 |    |
|---------------------------------|----|
| DEBIT BALANCES IN SUSPENSE..... | 25 |
|---------------------------------|----|

### CAPITAL ASSETS—

|                                      |                  |
|--------------------------------------|------------------|
| (at cost or estimated cost)          |                  |
| Wharves and Piers.....               | 961,260          |
| Railway System.....                  | 273,240          |
| Grain Elevator System.....           | 3,649,717        |
| Office Furniture and Appliances..... | 7,009            |
| Miscellaneous Small Plant.....       | 7,842            |
| Works under Construction.....        | 5,640            |
|                                      | <u>4,904,717</u> |

|                            |
|----------------------------|
| \$ 5,514,332               |
| <u><u>\$ 5,514,332</u></u> |

### LIABILITIES

|   |               |
|---|---------------|
| CURRENT—  |               |
| Accounts Payable and Accrued Liabilities—General..... | \$ 18,963     |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....          | 1,060         |
| DEFERRED INCOME.....                                  | 1,795         |
|   | <u>21,818</u> |

### PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|  |                  |
|--|------------------|
| Assets transferred to the Board on its establishment and subsequently..... | \$ 4,895,940     |
| Reserves—  |                  |
| Replacement of Capital Assets.....   | 7,458            |
|  | <u>4,903,398</u> |

|   |               |
|---|---------------|
| Add: Surplus—                                     |               |
| Balance as at Jan. 1, 1955.....                   | \$ 663,579    |
| Less: Payment to Government of 1954 earnings..... | 644,028       |
|   | <u>19,551</u> |

|   |                            |
|---|----------------------------|
| Add: Net Income Surplus for the year ended Dec. 31, 1955 per statement of Income and Expense..... | 569,565                    |
|   | <u>589,116</u>             |
|   | 5,492,514                  |
|   | <u><u>\$ 5,514,332</u></u> |

# PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

### OPERATING INCOME—

|                          |    |         |            |
|--------------------------|----|---------|------------|
| Harbour—                 |    |         |            |
| Property Rentals.....    | \$ | 3,367   |            |
| Wharves and Piers—       |    |         |            |
| Wharf Space Rentals..... | \$ | 200     |            |
| Miscellaneous.....       |    | 137     |            |
|                          |    |         | 337        |
| Grain Elevator System—   |    |         |            |
| Elevation.....           |    | 575,229 |            |
| Storage.....             |    | 366,065 |            |
| Miscellaneous.....       |    | 50,369  |            |
|                          |    |         | 991,663    |
| Railway System.....      |    |         | 82         |
|                          |    |         | \$ 995,449 |

### DEDUCT OPERATING EXPENSES—

|  |  |         |         |
|--|--|---------|---------|
| Operation and Maintenance—                                 |  |         |         |
| Grain Elevator System.....                                 |  | 386,778 |         |
| Administrative—  |  |         |         |
| Salaries.....  |  | 19,631  |         |
| Contributions to Public Service Superannuation Account.... |  | 4,563   |         |
| Office Expenses.....                                       |  | 2,608   |         |
| Other.....   |  | 16,620  |         |
|  |  |         | 43,422  |
|  |  |         | 430,200 |

NET OPERATING INCOME..... 565,249

### ADD OTHER INCOME—

|                    |  |       |         |
|--------------------|--|-------|---------|
| Miscellaneous..... |  | 5,441 |         |
|                    |  |       | 570,690 |

### DEDUCT SPECIAL CHARGES—

|   |  |     |       |
|---|--|-----|-------|
| Provision for Interest on Loans and Advances..... |  | 1   |       |
| Provision for Replacement of Capital Assets.....  |  | 742 |       |
| Other.....  |  | 382 |       |
|   |  |     | 1,125 |

NET INCOME SURPLUS.....\$ 569,565

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1955.....         | 41,563,498 | 40,850,947 | 82,414,445  |
| 1954.....         | 43,473,114 | 42,244,624 | 85,717,738  |
| 1953.....         | 70,572,498 | 67,223,143 | 137,795,641 |
| 1952.....         | 64,284,600 | 61,093,617 | 125,378,217 |
| 1951.....         | 47,146,158 | 44,965,896 | 92,112,054  |
| <i>Via rail—</i>  |            |            |             |
| 1955.....         | 2,000      | 699,562    | 701,562     |
| 1954.....         |            | 966,880    | 966,880     |
| 1953.....         | 19,033     | 2,440,077  | 2,459,109   |
| 1952.....         | 25,927     | 1,456,143  | 1,482,070   |
| 1951.....         | 52,484     | 1,841,935  | 1,894,419   |
| <i>Via other—</i> |            |            |             |
| 1955.....         |            | 541,772    | 541,772     |
| 1954.....         |            | 418,857    | 418,857     |
| 1953.....         |            | 422,541    | 422,541     |
| 1952.....         |            | 425,975    | 425,975     |
| 1951.....         |            | 304,415    | 304,415     |
| <i>Total—</i>     |            |            |             |
| 1955.....         | 41,565,498 | 42,092,281 | 83,657,779  |
| 1954.....         | 43,473,114 | 43,630,361 | 87,103,475  |
| 1953.....         | 70,591,531 | 70,085,761 | 140,677,292 |
| 1952.....         | 64,310,527 | 62,975,735 | 127,286,262 |
| 1951.....         | 47,198,642 | 47,112,246 | 94,310,888  |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$118,637 consisting mainly of overhaul and repairs to marine shovel equipment, marine legs, lofters, scales, conveyors, dust control, inside electrical circuits, vessel spouts and general maintenance of elevator structure and wharves.

### CAPITAL WORKS

Expenditure on capital account amounted to \$2,047, covering the purchase and installation of a power driven mooring winch.

## INCOME AND EXPENSE

Operating income amounted to \$766,666, as compared with \$799,384 in 1954. Operating and maintenance expenses were \$496,958, the corresponding figure for 1954 being \$493,400.

Net income surplus for 1955 was \$264,372, as against \$309,210 in the previous year. No charge for interest (except a small amount on advances obtained for recent capital expenditures) or provision for replacement of capital assets (other than furniture and appliances and miscellaneous small plant) is made in the accounts of this facility.



## Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1955

| ASSETS                                     |                  | LIABILITIES   |                     |
|--|------------------|---|---------------------|
| CURRENT—                                   |                  | CURRENT—  |                     |
| Cash.....                                  | \$ 148,967       | Accounts Payable and Accrued Liabilities—General.....   | \$ 10,118           |
| Accounts Receivable.....                   | 69,618           | Provision for Pension Fund Adjustments.....   | 1,429               |
| Prepaid Expenses—                          |                  |   |                     |
| Stores on Hand.....                        | \$ 73,679        |   |                     |
| Other.....                                 | 47               |   |                     |
|  | <u>73,726</u>    |   | <u>\$ 11,547</u>    |
|  |                  | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....  | 2,033               |
| SPECIAL FUND ASSETS—                       | 292,311          | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                     |
| (Cash) Contractors' Security Deposits..... | 2,033            | Assets transferred to the Board on its establishment and subsequently.....                        | 2,356,218           |
| DEBIT BALANCES IN SUSPENSE.....            | 30,746           | Reserves—   |                     |
|  |                  | Replacement of Capital Assets.....  | 22,948              |
|  |                  |   | <u>2,379,166</u>    |
| CAPITAL ASSETS—                            |                  | Add: Surplus—   |                     |
| (at cost or estimated cost)                |                  | Balance as at Jan. 1, 1955.....   | \$ 559,564          |
| Real Estate.....                           | 21,876           | Less: Payment to Government of 1954 earnings.....   | 281,585             |
| Wharves and Piers.....                     | 535,692          |   | <u>277,979</u>      |
| Railway System.....                        | 42,189           |   |                     |
| Grain Elevator System.....                 | 1,967,350        |   |                     |
| Office Furniture and Appliances.....       | 9,259            |   |                     |
| Miscellaneous Small Plant.....             | 33,641           |   |                     |
|  | <u>2,610,007</u> | Add: Net Income Surplus for the year ended Dec. 31, 1955 per statement of Income and Expense..... | 264,372             |
|  |                  |   | <u>542,351</u>      |
|  |                  |   | <u>2,921,517</u>    |
|  |                  |   | <u>\$ 2,935,097</u> |

## PORT COLBORNE ELEVATOR

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

**OPERATING INCOME—**

Grain Elevator System—

|                    |                   |            |
|--------------------|-------------------|------------|
| Elevation.....     | \$ 513,880        |            |
| Storage.....       | 251,346           |            |
| Miscellaneous..... | 1,440             |            |
|                    | <u>          </u> | \$ 766,666 |

**DEDUCT OPERATING EXPENSES—**

Operation and Maintenance—

|                            |         |  |
|----------------------------|---------|--|
| Grain Elevator System..... | 442,934 |  |
|----------------------------|---------|--|

Administrative—

|  |                   |                |
|--|-------------------|----------------|
| Salaries.....  | \$ 24,924         |                |
| Contributions to Public Service Superannuation Account.... | 11,327            |                |
| Office Expenses.....                                       | 3,433             |                |
| Other.....   | 14,340            |                |
|  | <u>          </u> | 54,024         |
|  |                   | <u>496,958</u> |

**NET OPERATING INCOME.....** 269,708

**ADD OTHER INCOME—**

|                    |                   |         |
|--------------------|-------------------|---------|
| Miscellaneous..... | 1,031             |         |
|                    | <u>          </u> | 270,739 |

**DEDUCT SPECIAL CHARGES—**

|   |                   |       |
|---|-------------------|-------|
| Provision for Interest on Loans and Advances..... | 32                |       |
| Provision for Replacement of Capital Assets.....  | 2,485             |       |
| Other.....  | 3,850             |       |
|   | <u>          </u> | 6,367 |

**NET INCOME SURPLUS.....** \$ 264,372

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 1,855 linear feet of wharf providing four deepsea berths, with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 15 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 53                      | 149,222                      |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 45                      | 103,466                      |
| 1951.....          | 34                      | 93,645                       |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 54                      | 149,227                      |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 44                      | 103,461                      |
| 1951.....          | 34                      | 93,645                       |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955                    |                              | 1954                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 38                      | 145,020                      | 36                      | 141,172                      |
| Coastal or inland commercial (including fishery)..... | 28                      | 15,267                       | 17                      | 8,050                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 66                      | 160,287                      | 53                      | 149,222                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 38                      | 145,020                      | 36                      | 141,172                      |
| Coastal or inland commercial (including fishery)..... | 28                      | 15,267                       | 18                      | 8,055                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 66                      | 160,287                      | 54                      | 149,227                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement 40 (cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1955.....        | 4,161  | 395,679 | 399,840 |
| 1954.....        | 4,622  | 374,544 | 379,166 |
| 1953.....        | 2,972  | 323,533 | 326,505 |
| 1952.....        | 8,529  | 257,553 | 266,082 |
| 1951.....        | 7,650  | 218,420 | 226,070 |
| <i>Domestic—</i> |        |         |         |
| 1955.....        | 3,581  | 7,128   | 10,709  |
| 1954.....        | 317    | 2,712   | 3,029   |
| 1953.....        | 290    | 3,229   | 3,519   |
| 1952.....        | 762    | 3,536   | 4,298   |
| 1951.....        | 172    | 2,555   | 2,727   |
| <i>Total—</i>    |        |         |         |
| 1955.....        | 7,742  | 402,807 | 410,549 |
| 1954.....        | 4,939  | 377,256 | 382,195 |
| 1953.....        | 3,262  | 326,762 | 330,024 |
| 1952.....        | 9,291  | 261,089 | 270,380 |
| 1951.....        | 7,822  | 220,975 | 228,797 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1955, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1955.....         |            | 13,175,257 | 13,175,257 |
| 1954.....         |            | 12,484,893 | 12,484,893 |
| 1953.....         |            | 10,784,446 | 10,784,446 |
| 1952.....         |            | 8,585,122  | 8,585,122  |
| 1951.....         |            | 7,278,443  | 7,278,443  |
| <i>Via rail—</i>  |            |            |            |
| 1955.....         | 15,075,776 | 145,156    | 15,220,932 |
| 1954.....         | 12,726,981 | 210,042    | 12,937,023 |
| 1953.....         | 11,478,118 | 207,429    | 11,685,547 |
| 1952.....         | 8,887,816  | 171,760    | 9,059,576  |
| 1951.....         | 9,107,880  | 198,117    | 9,305,997  |
| <i>Total—</i>     |            |            |            |
| 1955.....         | 15,075,776 | 13,320,413 | 28,396,189 |
| 1954.....         | 12,726,981 | 12,694,935 | 25,421,916 |
| 1953.....         | 11,478,118 | 10,991,875 | 22,469,993 |
| 1952.....         | 8,887,816  | 8,756,882  | 17,644,698 |
| 1951.....         | 9,107,880  | 7,476,560  | 16,584,440 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a cost of \$92,371. The principal items were chipping and painting the marine railway; chipping and painting the hull and repairing the boiler and engine of the tug "Graham Bell"; repairing the powerhouse roof; repairing the screen in the pumphouse at the powerhouse; overhauling the diesel driven generator sets; repairing the grain cleaning equipment, the grain car dumpers and overhauling the passenger hoist in the grain elevator; replacing timber sheathing on the face of the wharf, and extension of power lines.

## CAPITAL WORKS

An amount of \$1,174,538 was spent on capital account on the following items:—

*Construction of Grain Elevator Addition.*—In June 1954 a contract was awarded to Carter Construction Co. Ltd. for the construction of a 2,500,000-bushel reinforced concrete storage addition to the grain elevator. About one-third of the work was finished that year and the balance, with the exception of a few minor items, was completed in 1955 and the storage addition was placed in operation.

*Diesel Electric Generator Set.*—A contract was entered into with Medland Machinery Limited in 1954 for the supply of a 250 K.W. diesel electric generator set. A concrete base was built in 1954 and the machine was installed and put into operation in 1955.

*Installation of Additional Grain Cleaners.*—Three grain separators were purchased from Hart-Emerson Ltd. and installed prior to the opening of the 1955 shipping season.

*Minor Items.*—These included the construction of a new boiler room at the lake pumphouse, the purchase of a 3-ton truck, the purchase of a grain bookkeeping machine and the purchase and renovation of a house for use by the Port Manager.

## INCOME AND EXPENSE

Operating income amounted to \$782,726, as compared with \$732,762 in 1954. Expenditures on operation and maintenance were \$710,606, as against \$623,026 in 1954. Net operating income was \$72,120 in 1955, as compared with \$109,736 in the previous year.

After taking into account other income, and deducting special charges, including interest on debt, there was a net income surplus of \$10,721 in 1955, as compared with a surplus of \$83,686 in 1954. No provision is made in the accounts of this facility for reserve for replacement of capital assets. Interest is charged on advances for capital expenditures since 1937, but not on the original capital outlay.

# Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1955

### ASSETS

|  |                |
|--|----------------|
| CURRENT—                                   |                |
| Cash.....                                  | \$ 134,011     |
| Accounts Receivable.....                   | \$ 23,306      |
| Less: Provision for Doubtful Accounts..... | 12             |
| Accrued Income.....                        | 23,204         |
| Prepaid Expenses.....                      | 61,771         |
| Stores on Hand.....                        | 95,980         |
| Miscellaneous.....                         | 8,624          |
|  | <u>323,080</u> |
| SPECIAL FUND ASSETS—                       |                |
| (cash \$3,932 bonds \$175,000)             |                |
| Contractors' Security Deposits.....        | 178,932        |

### CAPITAL ASSETS

|                                       |                      |
|---------------------------------------|----------------------|
| (At cost or estimated cost)           |                      |
| Harbour Dredging.....                 | 1,180,300            |
| Real Estate.....                      | 60,278               |
| Miscellaneous Structures.....         | 171,511              |
| Wharves and Piers.....                | 1,370,039            |
| Permanent Sheds.....                  | 200,595              |
| Railway System.....                   | 23,098               |
| Grain Elevator System.....            | 5,980,616            |
| Office Furniture and Appliances.....  | 5,399                |
| Harbour Buildings.....                | 776,881              |
| Harbour Shops.....                    | 13,300               |
| Electric Power System.....            | 76,262               |
| Water Supply System.....              | 429,053              |
| Floating Equipment.....               | 931,513              |
| Shore Equipment.....                  | 20,222               |
| Miscellaneous Small Plant.....        | 420,464              |
| Engineering—General Surveys.....      | 109,441              |
| Sundry Expenditure—Undistributed..... | 3,769,450            |
|                                       | <u>15,538,362</u>    |
|                                       | <u>\$ 16,040,974</u> |

### LIABILITIES

|   |                |
|---|----------------|
| CURRENT—  |                |
| Accounts Payable and Accrued Liabilities—General..... | \$ 10,933      |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....        | 22,996         |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA.).....         | 178,932        |
| CONTRACTORS' HOLDBACKS.....                           | 171,488        |
| DEFERRED INCOME.....                                  | 5,290          |
|   | <u>389,639</u> |

### PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|  |                   |
|--|-------------------|
| Assets transferred to the Board on its establishment and subsequently..... | \$ 12,867,802     |
| Loans and Advances.....  | 2,588,764         |
| Interest in arrears on Loans and Advances.....                             | 111,396           |
|  | <u>15,567,962</u> |

### Add: Surplus—

|                                     |               |
|-------------------------------------|---------------|
| Balance as at Jan. 1, 1955.....     | \$ 76,252     |
| Less: Prior years' adjustments..... | 3,600         |
|                                     | <u>72,652</u> |

Add: Net Income Surplus for the year ended Dec. 31, 1955 per statement of Income and Expense.....

|  |               |
|--|---------------|
|  | <u>10,721</u> |
|  | <u>83,373</u> |

|  |                      |
|--|----------------------|
|  | <u>15,651,335</u>    |
|  | <u>\$ 16,040,974</u> |

## HARBOUR OF CHURCHILL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

## OPERATING INCOME—

## Harbour—

|                       |          |          |
|-----------------------|----------|----------|
| Harbour Dues.....     | \$ 1,819 |          |
| Property Rentals..... | 1,626    |          |
| Miscellaneous.....    | 4,050    |          |
|                       |          | \$ 7,495 |

## Wharves and Piers—

|                   |        |        |
|-------------------|--------|--------|
| Top Wharfage..... | 31,406 |        |
| Dockage.....      | 7,660  |        |
|                   |        | 39,066 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 281,350 |         |
| Storage.....       | 151,081 |         |
| Miscellaneous..... | 131,125 |         |
|                    |         | 563,556 |

## Permanent Sheds—

|                             |         |            |
|-----------------------------|---------|------------|
| Storage.....                | 11,736  |            |
| Miscellaneous Services..... | 160,873 |            |
|                             |         | \$ 782,726 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |         |         |
|--|---------|---------|
| Harbour (including \$20,592 for Dredging)..... | 89,460  |         |
| Wharves and Piers.....                         | 18,934  |         |
| Grain Elevator System.....                     | 361,800 |         |
| Permanent Sheds.....                           | 6,226   |         |
| Miscellaneous Services.....                    | 156,591 |         |
|  |         | 633,011 |

## Administrative—

|  |        |         |
|--|--------|---------|
| Salaries.....  | 44,671 |         |
| Contributions to Public Service Superannuation Account.... | 5,423  |         |
| Office Expenses.....                                       | 3,577  |         |
| Other.....   | 23,924 |         |
|  |        | 77,595  |
|  |        | 710,606 |

NET OPERATING INCOME..... 72,120

## ADD OTHER INCOME—

|                    |    |        |
|--------------------|----|--------|
| Miscellaneous..... | 15 |        |
|                    |    | 72,135 |

## DEDUCT SPECIAL CHARGES—

|   |        |        |
|---|--------|--------|
| Provision for Interest on Loans and Advances..... | 49,470 |        |
| Provision for Doubtful Accounts.....              | 12     |        |
| Other.....  | 11,932 |        |
|   |        | 61,414 |

NET INCOME SURPLUS.....\$ 10,721

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet which is now being increased to 40 feet. The National Harbours Board has piers, wharves and jetties with about 9,500 linear feet of berthing, providing 17 deepsea berths and three berths for coastal shipping, also six transit sheds with an aggregate floor area of about 576,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 470,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and a special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1955.....          | 32,773                  | 20,136,443                   |
| 1954.....          | 32,981                  | 19,812,216                   |
| 1953.....          | 32,170                  | 20,229,047                   |
| 1952.....          | 30,470                  | 18,212,789                   |
| 1951.....          | 30,789                  | 16,535,991                   |
| <i>Departures—</i> |                         |                              |
| 1955.....          | 32,315                  | 20,121,377                   |
| 1954.....          | 32,357                  | 19,769,262                   |
| 1953.....          | 32,013                  | 20,198,821                   |
| 1952.....          | 30,279                  | 18,132,827                   |
| 1951.....          | 30,701                  | 16,739,472                   |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1955, with comparison for 1954.

|   | 1955              |                        | 1954              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,336             | 5,669,050              | 1,443             | 6,146,968              |
| Coastal or inland commercial (including fishery)..... | 31,437            | 14,467,393             | 31,538            | 13,665,248             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 32,773            | 20,136,443             | 32,981            | 19,812,216             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,332             | 5,685,916              | 1,445             | 6,169,517              |
| Coastal or inland commercial (including fishery)..... | 30,983            | 14,435,461             | 30,912            | 13,599,745             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 32,315            | 20,121,377             | 32,357            | 19,769,262             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1955, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1955.....        | 1,296,580 | 3,835,817 | 5,132,397  |
| 1954.....        | 1,631,905 | 4,271,172 | 5,903,077  |
| 1953.....        | 2,731,087 | 4,068,348 | 6,799,435  |
| 1952.....        | 2,890,121 | 4,388,582 | 7,278,703  |
| 1951.....        | 2,848,474 | 3,322,892 | 6,171,366  |
| <i>Domestic—</i> |           |           |            |
| 1955.....        | 3,821,188 | 2,031,427 | 5,852,615  |
| 1954.....        | 3,650,004 | 1,935,994 | 5,585,998  |
| 1953.....        | 3,256,366 | 1,780,732 | 5,037,098  |
| 1952.....        | 2,921,508 | 1,899,331 | 4,820,839  |
| 1951.....        | 3,113,210 | 1,873,324 | 4,986,534  |
| <i>Total—</i>    |           |           |            |
| 1955.....        | 5,117,768 | 5,867,244 | 10,985,012 |
| 1954.....        | 5,281,909 | 6,207,166 | 11,489,075 |
| 1953.....        | 5,987,453 | 5,849,080 | 11,836,533 |
| 1952.....        | 5,811,629 | 6,287,913 | 12,099,542 |
| 1951.....        | 5,961,684 | 5,196,216 | 11,157,900 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1955, with comparison for 1954.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Logs, Masts, Piling, Pitprops, Poles, Spars and Ties (railway) | Lumber (Planks, Boards and Flooring) and Square Timber | Petroleum Oil, fuel | Sand and Gravel | Gasoline | Wood-pulp | Flour, wheat | Hog Fuel | Pulpwood | Cement, common or portland |
|------------------|-----------|--|--|---------------------|-----------------|----------|-----------|--------------|----------|----------|----------------------------|
| <i>Foreign—</i>  |           |  |  |                     |                 |          |           |              |          |          |                            |
| Inward—          |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        |           | 9,027  | 6,288  | 397,628             | 109             | 38,347   | 427       | 144          |          |          | 1,282                      |
| 1954.....        |           | 770  | 5,400  | 443,689             | 6               | 129,481  | 191       | 49           |          |          | 678                        |
| Outward—         |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        | 2,392,983 | 34,873   | 560,369  |                     |                 | 107,977  | 29,066    | 288,670      |          | 200,542  | 236                        |
| 1954.....        | 2,947,336 | 36,163   | 619,840  |                     |                 | 110,419  | 8,494     | 248,076      | 1,176    | 105,945  |                            |
| <i>Domestic—</i> |           |  |  |                     |                 |          |           |              |          |          |                            |
| Inward—          |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        |           | 1,131,409  | 538,253  |                     | 655,031         |          | 290,660   |              |          |          | 163,750                    |
| 1954.....        |           | 1,186,767  | 528,324  |                     | 560,778         |          | 247,623   |              |          |          | 163,755                    |
| Outward—         |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        |           | 112,995  | 20,000   | 487,291             | 3,105           | 243,827  |           | 228          | 205,640  | 16       | 19,832                     |
| 1954.....        |           | 91,576   | 23,786   | 403,276             | 1,727           | 212,881  | 1,324     | 227          | 207,670  | 99       | 15,593                     |
| <i>Totals—</i>   |           |  |  |                     |                 |          |           |              |          |          |                            |
| Inward—          |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        |           | 1,140,436  | 544,541  | 397,628             | 655,140         | 38,347   | 291,087   | 144          |          |          | 165,032                    |
| 1954.....        |           | 1,187,537  | 533,724  | 443,689             | 560,784         | 129,481  | 247,814   | 49           |          |          | 164,433                    |
| Outward—         |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        | 2,392,983 | 147,868  | 580,369  | 487,291             | 3,105           | 351,804  | 29,066    | 268,898      | 205,640  | 200,558  | 20,068                     |
| 1954.....        | 2,947,336 | 127,739  | 643,626  | 403,276             | 1,727           | 323,300  | 9,818     | 248,303      | 208,846  | 106,044  | 15,593                     |
| Total—           |           |  |  |                     |                 |          |           |              |          |          |                            |
| 1955.....        | 2,392,983 | 1,288,304  | 1,124,910  | 884,919             | 658,245         | 390,151  | 320,153   | 269,042      | 205,640  | 200,558  | 185,100                    |
| 1954.....        | 2,947,336 | 1,315,276  | 1,177,350  | 846,965             | 562,511         | 452,781  | 257,632   | 248,352      | 208,846  | 106,044  | 180,026                    |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Paper,<br>newsprint | Motor<br>Vehicles<br>and Parts | Kerosene | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Sugar, raw | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Paper not<br>otherwise<br>specified | Coal,<br>bituminous | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Chemicals<br>not<br>otherwise<br>specified | Lime   |
|------------------|---------------------|--------------------------------|----------|--|------------|---|-------------------------------------|---------------------|---|--|--------|
| <i>Foreign—</i>  |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| Inward—          |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        |                     | 62,806                         | 40,937   | 88,360   | 89,760     | 28,908  | 2,524                               |                     |   | 33,880                                     |        |
| 1954.....        |                     | 55,843                         | 46,773   | 83,954   | 77,313     | 24,210  | 2,083                               |                     | 5   | 29,828                                     |        |
| Outward—         |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        | 8,441               | 3,255                          |          | 1,226  |            | 329   | 8,026                               | 2,070               | 55,381  | 10,753                                     |        |
| 1954.....        | 11,469              | 4,179                          |          | 42   |            | 1,062   | 9,205                               | 1,450               | 22,235  | 7,478                                      |        |
| <i>Domestic—</i> |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| Inward—          |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        | 170,890             | 15,809                         |          | 259  |            | 59,134  | 62,449                              | 33,519              | 21  |  | 55,558 |
| 1954.....        | 168,681             | 2,449                          |          |  |            | 63,253  | 58,651                              | 35,675              | 17  | 125  | 50,989 |
| Outward—         |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        |                     | 21,943                         | 62,523   | 1,618  |            |   | 14,733                              | 49,075              | 6,028   | 14,315                                     | 1,100  |
| 1954.....        |                     | 4,859                          | 57,592   | 2,334  |            |   | 13,075                              | 41,550              | 5,674   | 13,537                                     | 410    |
| <i>Totals—</i>   |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| Inward—          |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        | 170,890             | 78,615                         | 40,937   | 88,619   | 89,760     | 88,042  | 64,973                              | 33,519              | 21  | 33,880                                     | 55,558 |
| 1954.....        | 168,681             | 58,292                         | 46,773   | 83,954   | 77,313     | 87,463  | 60,734                              | 35,675              | 22  | 29,953                                     | 50,989 |
| Outward—         |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        | 8,441               | 25,198                         | 62,523   | 2,844  |            | 329   | 22,759                              | 51,145              | 61,409  | 25,068                                     | 1,100  |
| 1954.....        | 11,469              | 9,038                          | 57,592   | 2,376  |            | 1,062   | 22,280                              | 43,000              | 27,909  | 21,015                                     | 410    |
| Total—           |                     |                                |          |  |            |   |                                     |                     |   |  |        |
| 1955.....        | 179,331             | 103,813                        | 103,460  | 91,463   | 89,760     | 88,371  | 87,732                              | 84,664              | 61,430  | 58,948                                     | 56,658 |
| 1954.....        | 180,150             | 67,330                         | 104,365  | 86,330   | 77,313     | 88,525  | 83,014                              | 78,675              | 27,931  | 50,968                                     | 51,399 |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin Plate | Fish (including Shell-fish), canned or preserved | Fertilizers and Fertilizer Materials | Rock and Stone | Machinery and Parts (except agricultural) | Fish (including Shell-fish), fresh or frozen | Beverages, alcoholic | Petroleum Oil, refined not otherwise specified | Iron or Steel Rails and Fastenings | Salt   | Asbestos and Asbestos Manufactures |
|------------------|--|--|--------------------------------------|----------------|---|--|----------------------|--|------------------------------------|--------|------------------------------------|
| <i>Foreign—</i>  |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| Inward—          |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 54,267   | 3,328  | 1,852                                | 1,108          | 13,453                                    | 5,767  | 9,541                | 15,893   | 17,144                             | 14,066 | 14,144                             |
| 1954.....        | 57,120   | 1,913  | 1,900                                | 2,285          | 12,777                                    | 5,485  | 10,223               | 17,197   | 10,334                             | 6,641  | 6,629                              |
| Outward—         |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 41   | 25,921   | 27,462                               | 1              | 2,310                                     | 636  | 3,322                | 11   | .....                              | 25     | 9,454                              |
| 1954.....        | 35   | 34,470   | 1,338                                | 5              | 1,785                                     | 695  | 4,924                | 5  | .....                              | .....  | 3,118                              |
| <i>Domestic—</i> |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| Inward—          |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | .....  | 13,442   | 9,027                                | 2,646          | 7,526                                     | 27,367                                       | 2,198                | .....  | .....                              | .....  | 25                                 |
| 1954.....        | .....  | 20,154   | 4,058                                | 8,428          | 5,212                                     | 30,934                                       | 3,388                | 11   | .....                              | .....  | 27                                 |
| Outward—         |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 1,589  | 150  | 22                                   | 34,510         | 14,526                                    | 28   | 16,094               | 12,790   | 10,687                             | 11,155 | 82                                 |
| 1954.....        | 394  | 270  | 24                                   | 160,477        | 8,191                                     | 58   | 14,844               | 11,772   | 9,928                              | 10,187 | 105                                |
| <i>Totals—</i>   |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| Inward—          |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 54,267   | 16,770   | 10,879                               | 3,814          | 20,979                                    | 33,134                                       | 11,739               | 15,893   | 17,144                             | 14,066 | 14,169                             |
| 1954.....        | 57,120   | 22,067   | 5,958                                | 10,713         | 17,989                                    | 36,419                                       | 13,611               | 17,208   | 10,334                             | 6,641  | 6,656                              |
| Outward—         |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 1,630  | 26,071   | 27,484                               | 34,511         | 16,836                                    | 664  | 19,416               | 12,801   | 10,687                             | 11,180 | 9,536                              |
| 1954.....        | 429  | 34,740   | 1,362                                | 160,482        | 9,976                                     | 753  | 19,768               | 11,777   | 9,928                              | 10,187 | 3,223                              |
| <i>Total—</i>    |  |  |                                      |                |   |  |                      |  |                                    |        |                                    |
| 1955.....        | 55,897   | 42,841   | 38,363                               | 38,325         | 37,815                                    | 33,798                                       | 31,155               | 28,694   | 27,831                             | 25,246 | 23,705                             |
| 1954.....        | 57,549   | 56,807   | 7,320                                | 171,195        | 27,965                                    | 37,172                                       | 33,379               | 28,985   | 20,262                             | 16,828 | 9,879                              |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Sulphur | Iron or Steel Manufactures otherwise specified | Petroleum Briquettes | Chinaware, Earthenware and Porcelainware | Zinc Ore | Wood Laths, Plywoods, Shingles and Veneers | Iron or Steel, scrap | Coffee Beans and Coffee Preparations | Glass and Glass Manufactures | Iron or Steel, structural | Cresosote Oil |
|------------------|---------|--|----------------------|--|----------|--|----------------------|--------------------------------------|------------------------------|---------------------------|---------------|
| <i>Foreign—</i>  |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| Inward—          |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 8,821   | 14,656   | 19,803               | 16,915                                   | 17,659   | 7,077                                      | 20                   | 15,873                               | 14,783                       | 10,689                    | 12,762        |
| 1954.....        | 2,013   | 11,995   | 17,579               | 13,562                                   | 16,497   | 3,893                                      | 7,070                | 13,859                               | 12,251                       | 17,401                    | 13,463        |
| Outward—         |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 2,378   | 284  | .....                | 62                                       | .....    | 5,731                                      | 8,743                | 37                                   | 43                           | 280                       | .....         |
| 1954.....        | 388     | 239  | .....                | 23                                       | .....    | 4,310                                      | 21,415               | 254                                  | 17                           | 7                         | .....         |
| <i>Domestic—</i> |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| Inward—          |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | .....   | 308  | .....                | 39                                       | .....    | 3,129                                      | 6,999                | .....                                | .....                        | 15                        | .....         |
| 1954.....        | .....   | 210  | .....                | 1  | 1,028    | .....                                      | 10,257               | .....                                | .....                        | .....                     | .....         |
| Outward—         |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 10,604  | 4,999  | .....                | 756                                      | .....    | 1,006                                      | 432                  | 19                                   | 47                           | 3,061                     | .....         |
| 1954.....        | 10,676  | 3,253  | .....                | 318                                      | .....    | 594  | 1,719                | 18                                   | 58                           | 4,008                     | .....         |
| <i>Totals—</i>   |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| Inward—          |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 8,821   | 14,964   | 19,803               | 16,954                                   | 17,659   | 10,206                                     | 7,019                | 15,873                               | 14,783                       | 10,704                    | 12,762        |
| 1954.....        | 2,013   | 12,205   | 17,579               | 13,563                                   | 17,525   | 3,893                                      | 17,327               | 13,859                               | 12,251                       | 17,401                    | 13,463        |
| Outward—         |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 12,982  | 5,283  | .....                | 818                                      | .....    | 6,737                                      | 9,175                | 56                                   | 90                           | 3,341                     | .....         |
| 1954.....        | 11,064  | 3,492  | .....                | 341                                      | .....    | 4,904                                      | 23,134               | 272                                  | 75                           | 4,015                     | .....         |
| Total—           |         |  |                      |  |          |  |                      |                                      |                              |                           |               |
| 1955.....        | 21,803  | 20,247   | 19,803               | 17,772                                   | 17,659   | 16,943                                     | 16,194               | 15,929                               | 14,873                       | 14,045                    | 12,762        |
| 1954.....        | 13,077  | 15,697   | 17,579               | 13,904                                   | 17,525   | 8,797                                      | 40,461               | 14,131                               | 12,326                       | 21,416                    | 13,463        |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Fruits, fresh, not otherwise specified | Iron or Steel Wire and Wire Manu-<br>factures | Tallow, inedible | Containers, returned empty | Fish Oils | Wooden Manu-<br>factures not otherwise specified | Toys   | Jute and Jute Manu-<br>factures | Fruits, canned or preserved | All Goods not otherwise specified | Total      |
|------------------|--|---|------------------|----------------------------|-----------|--|--------|---------------------------------|-----------------------------|-----------------------------------|------------|
| <i>Foreign—</i>  |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| Inward—          |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 12,487                                 | 11,750  | 27               | 134                        | 308       | 1,492  | 10,223 | 8,823                           | 8,451                       | 152,777                           | 1,296,580  |
| 1954.....        | 14,173                                 | 9,499   | 12               | 218                        | 315       | 1,224  | 7,646  | 8,461                           | 7,058                       | 420,939                           | 1,631,905  |
| Outward—         |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 56                                     | 55  | 11,639           | 1,068                      | 4,276     | 478  | 55     | 1,029                           | 514                         | 45,709                            | 3,835,817  |
| 1954.....        | 74                                     | 34  | 4,831            | 2,906                      | 1,793     | 548  | 56     | 1,284                           | 739                         | 51,310                            | 4,271,172  |
| <i>Domestic—</i> |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| Inward—          |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        |  | 27  |                  | 9,123                      | 6,197     | 489  |        |                                 |                             | 555,889                           | 3,821,188  |
| 1954.....        |  | 14  |                  | 9,831                      | 5,502     | 113  |        |                                 |                             | 483,749                           | 3,650,004  |
| Outward—         |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 53                                     | 731   |                  | 1,185                      | 5         | 8,289  | 2      | 80                              | 65                          | 634,191                           | 2,031,427  |
| 1954.....        | 35                                     | 814   |                  | 1,215                      | 4         | 1,803  | 1      | 24                              | 44                          | 597,970                           | 1,935,994  |
| <i>Totals—</i>   |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| Inward—          |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 12,487                                 | 11,777  | 27               | 9,257                      | 6,505     | 1,981  | 10,223 | 8,823                           | 8,451                       | 708,666                           | 5,117,768  |
| 1954.....        | 14,173                                 | 9,513   | 12               | 10,049                     | 5,817     | 1,337  | 7,646  | 8,461                           | 7,058                       | 904,688                           | 5,281,909  |
| Outward—         |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 109                                    | 786   | 11,639           | 2,253                      | 4,281     | 8,767  | 57     | 1,109                           | 579                         | 679,900                           | 5,867,244  |
| 1954.....        | 109                                    | 848   | 4,831            | 4,121                      | 1,797     | 2,351  | 57     | 1,308                           | 783                         | 649,280                           | 6,207,166  |
| <i>Total—</i>    |  |   |                  |                            |           |  |        |                                 |                             |                                   |            |
| 1955.....        | 12,596                                 | 12,563  | 11,666           | 11,510                     | 10,786    | 10,748   | 10,280 | 9,932                           | 9,030                       | 1,338,566                         | 10,985,012 |
| 1954.....        | 14,282                                 | 10,361  | 4,843            | 14,170                     | 7,614     | 3,688  | 7,703  | 9,769                           | 7,841                       | 1,553,968                         | 11,489,075 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1955, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1955.....         | 4,634   | 5,258    | 9,892     |
| 1954.....         | 4,054   | 3,888    | 7,942     |
| 1953.....         | 2,615   | 2,555    | 5,170     |
| 1952.....         | 2,994   | 2,725    | 5,719     |
| 1951.....         | 2,376   | 2,518    | 4,894     |
| <i>Coastwise—</i> |         |          |           |
| 1955.....         | 639,130 | 649,731  | 1,288,861 |
| 1954.....         | 670,516 | 677,393  | 1,347,909 |
| 1953.....         | 712,738 | 757,771  | 1,470,509 |
| 1952.....         | 794,172 | 875,361  | 1,669,533 |
| 1951.....         | 787,412 | 821,844  | 1,609,256 |
| <i>Total—</i>     |         |          |           |
| 1955.....         | 643,764 | 654,989  | 1,298,753 |
| 1954.....         | 674,570 | 681,281  | 1,355,851 |
| 1953.....         | 715,353 | 760,236  | 1,475,679 |
| 1952.....         | 797,166 | 878,086  | 1,675,252 |
| 1951.....         | 789,788 | 824,362  | 1,614,150 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1955, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1955.....         |             | 82,542,693  | 82,542,693  |
| 1954.....         |             | 100,848,241 | 100,848,241 |
| 1953.....         |             | 103,884,278 | 103,884,278 |
| 1952.....         |             | 117,095,697 | 117,095,697 |
| 1951.....         |             | 83,596,564  | 83,596,564  |
| <i>Via rail—</i>  |             |             |             |
| 1955.....         | 79,104,543  | 1,507,721   | 80,612,264  |
| 1954.....         | 100,339,683 | 1,044,618   | 101,384,301 |
| 1953.....         | 113,203,504 | 1,832,251   | 115,035,755 |
| 1952.....         | 116,752,173 | 3,938,828   | 120,691,001 |
| 1951.....         | 88,049,979  | 3,346,717   | 91,396,696  |
| <i>Via other—</i> |             |             |             |
| 1955.....         | 75,396      | 604,187     | 679,583     |
| 1954.....         | 163,840     | 958,547     | 1,122,387   |
| 1953.....         | 115,795     | 2,292,677   | 2,408,472   |
| 1952.....         | 95,293      | 1,471,110   | 1,566,403   |
| 1951.....         | 6,750       | 288,095     | 294,845     |
| <i>Total—</i>     |             |             |             |
| 1955.....         | 79,179,939  | 84,654,601  | 163,834,540 |
| 1954.....         | 100,503,523 | 102,851,406 | 203,354,929 |
| 1953.....         | 113,319,299 | 108,009,206 | 221,328,505 |
| 1952.....         | 116,847,466 | 122,505,635 | 239,353,101 |
| 1951.....         | 88,056,729  | 87,231,376  | 175,288,105 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance expenditures amounted to \$195,385. The principal items of work were replacement of 56-lb. rail on Granville island trackage with 85-lb. rail; replacement of plank roads and railway crossings with asphalt; repairs to roadway bulkhead at Lapointe pier; renewal of shipping leg drives at Elevator 3; renewal of foundation timbers and roofing of sheds on Fishermen's wharf; and overhaul of cargo cranes at Ballantyne pier. The rehabilitation of Elevator 2 was also begun under a contract awarded in November to Commonwealth Construction Co. Ltd.

## CAPITAL WORKS

Capital expenditures amounted to \$138,376, of which \$118,530 was provided from revenues. The principal items were:

*Installation of Dust Control, Elevator 3.*—During 1954 a contract for the installation of a dust control system in Elevator 3 was awarded to the Day Company of Canada Limited and 80 per cent of the work was done in that year. The contract was completed in 1955.

*Paving Granville Island Approach.*—In 1954 the old timber trestle approach to Granville island was replaced by a causeway of rock and earth fill. During 1955 the paving of this approach was carried out under a contract awarded to the City of Vancouver works department.

*Fire Protection, Elevator 4.*—A contract was awarded in April to Viking Automatic Sprinkler Co. (B.C.) Ltd. for the installation of an automatic sprinkler system to protect the jetty and grain galleries at Elevator 4. An 8-inch main to provide the water supply was laid by the Board's forces.

*Installation of Additional Cleaners, Elevator 3.*—Four new grain cleaning machines were bought from Northland Machinery Supply Co. Ltd. and a contract for their installation in Elevator 3 was awarded to Commonwealth Construction Co. Ltd. in September. Eighty per cent of the work was completed during the year.

*Minor Items.*—Smaller capital items included the installation of fire escapes on Elevators 1, 3 and 4; the purchase of radio telephone equipment for the M.V. "Brockton II"; the replacement of Second Narrows mooring buoy; the installation of a heating plant in the fish oil storage tanks at Lapointe pier; the replacement of the heating plant for Ballantyne pier offices and the purchase of a railway engine house at the foot of Salisbury Drive.

## INCOME AND EXPENSE

Operating income was \$3,002,061, as compared with \$3,075,642, the decrease being \$73,581. Operating and maintenance expenses showed an increase of \$59,330, the comparable figures being \$1,824,124 in 1955 and \$1,764,794 in 1954. Net operating income amounted to \$1,177,937 in 1955, as compared with \$1,310,848 in the previous year.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$504,974, as compared with a surplus of \$614,863 in 1954.

## REDUCTION IN DEBT

Surplus funds were applied in reduction of harbour debt, which showed a decrease of over \$1,000,000 in the year.



# Harbour of Vancouver BALANCE SHEET AS AT DECEMBER 31, 1955

| ASSETS  |                  | LIABILITIES  |                  |
|---|------------------|--|------------------|
| CURRENT—  |                  | CURRENT—   |                  |
| Cash.....   | \$ 802,308       | Accounts Payable and Accrued Liabilities—General\$   | 338,945          |
| Accounts Receivable.....                              | \$ 289,033       | Provision for Pension Fund Adjustments.....          | 29,210           |
| Less: Provision for Doubtful Accounts..               | 10,564           |  | <u>368,155</u>   |
| Accrued Income.....                                   | 278,469          | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....       | 17,000           |
| Prepaid Expenses—                                     | 73,917           | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....         | 26,898           |
| Stores on Hand.....                                   | 45,554           | CONTRACTORS' HOLDRACKS.....                          | 1,266            |
|   | <u>1,200,308</u> | DEFERRED INCOME.....                                 | 122,601          |
| RESERVE FUND ASSETS—                                  |                  | CREDIT BALANCES IN SUSPENSE.....                     | 71,280           |
| (Cash \$31,598 Investment in bonds, at amortized cost |                  |  | <u>607,200</u>   |
| \$8,259,557 with market value of \$8,048,427)         |                  |  |                  |
| Replacement of Capital Assets.....                    | 8,072,004        | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—      |                  |
| Fire and General Insurance.....                       | 203,414          | Assets transferred to the Board on its establishment |                  |
| Special Maintenance.....                              | 15,737           | and subsequently.....                                | 2,644,691        |
|   | <u>8,291,155</u> | Loans and Advances.....                              | 22,543,643       |
| SPECIAL FUND ASSETS—                                  |                  | Interest in arrears on Loans and Advances.....       | 4                |
| (Cash \$22,446; Bonds \$74,021)                       |                  | Reserves—  |                  |
| Contractors' Security Deposits.....                   | 26,898           | Replacement of Capital Assets.....\$                 | 8,076,248        |
| Other.....  | 69,569           | Fire and General Insurance.....                      | 202,460          |
|   | <u>96,467</u>    | Special Maintenance.....                             | 15,915           |
| INVESTMENTS IN BONDS—                                 |                  |  | <u>8,294,623</u> |
| (at amortized cost, market value \$39,382).....       | 45,503           | Add: Surplus—  |                  |
| PRELIMINARY CAPITAL EXPENSE.....                      | 13,343           | Balance as at Jan. 1, 1955.....                      | 3,893,084        |
| CAPITAL ASSETS—                                       |                  | Add: Prior Years' Adjustments                        |                  |
| (at cost or estimated cost)                           |                  | (Net).....   | 5,148            |
| Harbour Dredging.....                                 | 18,607           |  | <u>3,898,232</u> |
| Real Estate.....                                      | 7,072,202        |  |                  |
| Roads, Fences and Boundaries.....                     | 354,504          |  |                  |

|   |            |           |                      |
|---|------------|-----------|----------------------|
| Sewers and Drains.....  | 16,549     |           |                      |
| Miscellaneous Structures.....   | 27,665     |           |                      |
| Wharves and Piers.....  | 10,210,119 | 504,974   |                      |
| Permanent Sheds.....  | 2,226,354  | 4,403,206 |                      |
| Railway System.....   | 44,483     |           | 37,886,167           |
| Grain Elevator System.....  | 8,060,086  |           |                      |
| Cold Storage System.....  | 107,561    |           |                      |
| Office Furniture and Appliances.....  | 41,126     |           |                      |
| Harbour Buildings.....  | 180,070    |           |                      |
| Harbour Shops.....  | 5,171      |           |                      |
| Water Supply System.....  | 53,849     |           |                      |
| Floating Equipment.....   | 18,945     |           |                      |
| Shore Equipment.....  | 306,028    |           |                      |
| Miscellaneous Small Plant.....  | 53,976     |           |                      |
| Works under Construction.....   | 49,296     |           |                      |
|   | 28,846,591 |           |                      |
|   |            |           | <u>\$ 38,493,367</u> |
| Add: Net Income Surplus for the year ended Dec. 31, 1955 per statement of Income and Expense..... |            |           | <u>\$ 38,493,367</u> |

## HARBOUR OF VANCOUVER

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

## OPERATING INCOME—

## Harbour—

|                       |                   |              |
|-----------------------|-------------------|--------------|
| Harbour Dues.....     | \$ 163,301        |              |
| Cargo Rates.....      | 434,434           |              |
| Handling.....         | 329,873           |              |
| Property Rentals..... | 282,636           |              |
| Miscellaneous.....    | 21,498            |              |
|                       | <u>          </u> | \$ 1,731,742 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 375,997           |         |
| Berthage.....            | 234,067           |         |
| Wharf Space Rentals..... | 50,738            |         |
| Miscellaneous.....       | 27,662            |         |
|                          | <u>          </u> | 688,464 |

## Grain Elevator System—

|              |  |         |
|--------------|--|---------|
| Rentals..... |  | 351,253 |
|--------------|--|---------|

## Cold Storage System—

|                    |                   |        |
|--------------------|-------------------|--------|
| Storage.....       | 2,292             |        |
| Miscellaneous..... | 37,574            |        |
|                    | <u>          </u> | 39,866 |

## Permanent Sheds—

|                    |                   |         |
|--------------------|-------------------|---------|
| Shed Rentals.....  | 57,902            |         |
| Storage.....       | 64,323            |         |
| Miscellaneous..... | 4,079             |         |
|                    | <u>          </u> | 126,304 |

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 64,432            |              |
|                             | <u>          </u> | \$ 3,002,061 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |                   |           |
|---|-------------------|-----------|
| Harbour (including \$750,311 for handling)..... | 984,534           |           |
| Wharves and Piers.....                          | 180,166           |           |
| Grain Elevator System.....                      | 56,516            |           |
| Cold Storage System.....                        | 36,857            |           |
| Permanent Sheds.....                            | 256,436           |           |
| Miscellaneous Services.....                     | 72,504            |           |
|   | <u>          </u> | 1,587,013 |

## Administrative—

|  |                   |                             |
|--|-------------------|-----------------------------|
| Salaries.....  | 95,435            |                             |
| Contributions to Public Service Superannuation Account.... | 44,582            |                             |
| Office Expenses.....                                       | 8,676             |                             |
| Other.....   | 88,418            |                             |
|  | <u>          </u> | 237,111                     |
|  |                   | <u>          </u> 1,824,124 |

|                           |  |           |
|---------------------------|--|-----------|
| NET OPERATING INCOME..... |  | 1,177,937 |
|---------------------------|--|-----------|

## ADD OTHER INCOME—

|   |                   |                             |
|---|-------------------|-----------------------------|
| Income from Investments (less \$7,326 applicable to Reserve Funds)..... | 246,516           |                             |
| Miscellaneous.....  | 2,219             |                             |
|   | <u>          </u> | 248,735                     |
|   |                   | <u>          </u> 1,426,672 |

## DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 624,586           |         |
| Provision for Replacement of Capital Assets.....  | 296,477           |         |
| Other.....  | 635               |         |
|   | <u>          </u> | 921,698 |

|                         |  |            |
|-------------------------|--|------------|
| NET INCOME SURPLUS..... |  | \$ 504,974 |
|-------------------------|--|------------|

## HEAD OFFICE, OTTAWA

Statement of revenues and expenditures and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective expenditure statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1955

#### INCOME

|   |    |                   |            |
|---|----|-------------------|------------|
| Assessments.....  | \$ | 271,232           |            |
| Income from Workmen's Compensation Fund Investment (less \$26,861 applicable to Reserve)..... | \$ | —                 |            |
|   |    | <u>          </u> | \$ 271,232 |

#### EXPENSE—

|   |                   |            |
|---|-------------------|------------|
| Salaries of Board Members and Executive Officers.....       | 78,809            |            |
| Other Salaries.....   | 109,774           |            |
| Contributions to Public Service Superannuation Account..... | 16,665            |            |
| Office Expenses.....  | 22,451            |            |
| Travelling Expenses.....                                    | 13,157            |            |
| Advertising.....  | 3,544             |            |
| Treasury Office—Salaries and Expenses.....                  | 26,832            |            |
|   | <u>          </u> | \$ 271,232 |



## Head Office, Ottawa

## BALANCE SHEET AS AT DECEMBER 31, 1955

| ASSETS  |          | LIABILITIES  |                   |
|---|----------|--|-------------------|
| CURRENT—  |          | CURRENT—   |                   |
| Cash.....   | \$ 3,386 | Accounts Payable and Accrued Liabilities—General\$ 1,000 |                   |
|   |          | Provision for Pension Fund Adjustments.....              | 2,386             |
|   |          |  | <u>\$ 3,386</u>   |
| RESERVE FUND ASSETS—  |          | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—          |                   |
| (Cash \$78,791; investment in bonds at amortized cost, \$901,372,<br>with market value of \$880,807; less accounts payable, \$36,334) |          | Reserves—  |                   |
| Workmen's Compensation.....   | 943,829  | Replacement of Capital Assets.....                       | 4,171             |
|   |          | Workmen's Compensation.....                              | 943,829           |
| CAPITAL ASSETS—   |          |  | <u>948,000</u>    |
| (at cost)   |          | Add: Surplus—  |                   |
| Office Furniture and Appliances.....  | 17,378   | Balance as at Jan. 1, 1955.....\$ 12,241                 |                   |
|   |          | Prior Years' Adjustments.....                            | 966               |
|   |          |  | <u>13,207</u>     |
|   |          |  | <u>961,207</u>    |
|   |          |  | <u>\$ 964,593</u> |
|   |          |  | <u>\$ 964,593</u> |





Can  
N

41 T 66  
- A56

Canada National Harbours Board



CANADA

# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

## 1956

LIBRARY

★ APR 26 1957 ★

UNIVERSITY OF TORONTO

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1957

Price, 25 cents







CANADA

ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year

1956

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1957



## NATIONAL HARBOURS BOARD

### Members of Board

|                           |                |
|---------------------------|----------------|
| B. J. Roberts, C.B.E..... | Chairman.      |
| M. Archer, P. Eng.....    | Vice-Chairman. |
| E. J. Alton.....          | Member.        |
| C. H. Malcolm.....        | Member.        |

### Head Office Officials

|                          |  |
|--------------------------|--|
| W. C. Perron.....        | Executive Director<br>and Traffic Officer. |
| T. M. Bryson, M.B.E..... | Secretary.                                 |
| Roger St. Jean.....      | Assistant Secretary.                       |
| L. R. Stratton, C.E..... | Chief Engineer.                            |
| J. F. Finlay.....        | Legal Adviser.                             |

### Port Officials

|                    |                              |                 |
|--------------------|------------------------------|-----------------|
| Halifax.....       | J. R. Mitchell.....          | Port Manager.   |
| Saint John.....    | D. M. Vye, P. Eng.....       | Port Manager.   |
| Chicoutimi.....    | Albert Maltais.....          | Port Manager.   |
| Quebec.....        | Louis Beaudry, P. Eng.....   | Port Manager.   |
| Three Rivers.....  | *.....                       | Port Manager.   |
| Montreal.....      | Guy Beaudet, P. Eng.....     | Port Manager.   |
| Prescott.....      | Alex. Ross.....              | Superintendent. |
| Port Colborne..... | C. A. Bennett.....           | Superintendent. |
| Churchill.....     | H. M. Wilson.....            | Port Manager.   |
| Vancouver.....     | B. D. L. Johnson, O.B.E..... | Port Manager.   |

\* Vacant



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 62   |
| Jacques Cartier Bridge.....          | 77   |
| Prescott Elevator.....               | 80   |
| Port Colborne Elevator.....          | 83   |
| Harbour of Churchill.....            | 86   |
| Harbour of Vancouver.....            | 91   |
| Head Office, Ottawa.....             | 103  |

# NATIONAL HARBOURS BOARD

OTTAWA, March 18, 1957

To the Honourable GEORGE C. MARLER, M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-first annual report of the National Harbours Board, covering the operations for the calendar year 1956, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

## SUMMARY

Harbour traffic in 1956 surpassed all previous records and revenues and expenses also reached new peaks.

Water-borne cargo exceeded 50,000,000 tons, being 8,000,000 tons, or 19%, over the figure for the previous year.

Operation income rose by 14% to over \$24,000,000. Operating expenses increased by 19% to over \$14,000,000. Net income was \$2,304,000, exceeding that of the previous year by \$282,000.

To provide for growth in traffic and to meet special requirements arising out of the construction of the St. Lawrence Seaway, a large program of capital works is being carried out. Actual expenditures in 1956 amounted to \$13,000,000. Work under contract and uncompleted at the end of the year represented an additional outlay of \$14,500,000.

## SHIPPING

Vessel arrivals in 1956 numbered 51,583, the aggregate net registered tonnage being 50,355,977. The comparable figures for 1955 were 50,081 vessels, aggregating 46,693,486 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

## VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 51,583                  | 50,355,977                   |
| 1955.....          | 50,081                  | 46,693,486                   |
| 1954.....          | 50,891                  | 45,493,111                   |
| 1953.....          | 49,961                  | 45,307,299                   |
| 1952.....          | 47,821                  | 42,652,542                   |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 51,332                  | 50,222,995                   |
| 1955.....          | 49,585                  | 46,618,688                   |
| 1954.....          | 50,287                  | 45,524,099                   |
| 1953.....          | 49,793                  | 45,266,722                   |
| 1952.....          | 47,658                  | 42,610,845                   |

(Exclusive of Naval Vessels)

## CARGO TONNAGE

Aggregate cargo tonnage in 1956 was 50,469,532 as compared with 42,414,822 in 1955, the increase being 8,054,710 tons, or about 19%.

Grain traffic showed an increase from the previous year, rising from 9,805,710 tons in 1955 to 13,460,731, an increase of 3,655,021 tons or approximately 37%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in fuel oil, crude petroleum, gasoline, pulpwood, crude gypsum, logs, cement, sand and gravel, raw sugar, asbestos, iron and steel bands and bars, motor vehicles and parts, ores, oil cake and meal, grain products except flour, and iron and steel scrap. Decreases were shown in bituminous coal, lumber, wheat flour, newsprint and wood-pulp.

Foreign inward traffic increased 2,019,775 tons or 22%, and foreign outward traffic increased 4,548,258 tons, or 36%, compared with 1955. Domestic traffic inward increased 487,160 tons, or 4%, and domestic traffic outward increased 999,517 tons, or 14%, compared with 1955.

The following statement summarizes the volume of water-borne cargo tonnage in 1956 and the four previous years:

## CARGO TONNAGE—SUMMARY

Basis Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1956.....        | 11,129,214 | 17,215,779 | 28,344,993 |
| 1955.....        | 9,109,439  | 12,667,521 | 21,776,960 |
| 1954.....        | 9,602,314  | 11,453,275 | 21,055,589 |
| 1953.....        | 9,932,746  | 13,532,387 | 23,465,133 |
| 1952.....        | 9,481,857  | 14,890,582 | 24,372,439 |
| <i>Domestic—</i> |            |            |            |
| 1956.....        | 14,101,033 | 8,023,506  | 22,124,539 |
| 1955.....        | 13,613,873 | 7,023,989  | 20,637,862 |
| 1954.....        | 13,426,140 | 6,409,124  | 19,835,264 |
| 1953.....        | 12,817,184 | 6,242,920  | 19,060,104 |
| 1952.....        | 11,440,270 | 6,524,489  | 17,964,759 |
| <i>Total—</i>    |            |            |            |
| 1956.....        | 25,230,247 | 25,239,285 | 50,469,532 |
| 1955.....        | 22,723,312 | 19,691,510 | 42,414,822 |
| 1954.....        | 23,028,454 | 17,862,399 | 40,890,853 |
| 1953.....        | 22,749,930 | 19,775,307 | 42,525,237 |
| 1952.....        | 20,922,127 | 21,415,071 | 42,337,198 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## INCOME AND EXPENSES

## OPERATING INCOME

Operating income in 1956 amounted to \$24,057,779, as compare with \$21,183,718 in the previous year. The increase was \$2,874,061, or 14%.

All categories of income showed increases over the previous year. Revenue from wharves and sheds was greater by over \$900,000. Grain elevators, notwithstanding a substantial decrease in storage earnings, showed total receipts \$800,000 in excess of those of 1955.

## OPERATING EXPENSES

Expenses of administration, operation and maintenance in 1956 were \$14,366,362, as against \$12,060,296 in the previous year, an increase of \$2,306,066, or 19%. Increased outlays were shown in most departments, but the larger amounts occurred under general harbour expenses, including dredging, up over \$1,000,000, and grain elevators, up \$880,000.

Salaries and wages amounted to \$8,440,000, as compared with \$7,774,000 in 1955. Retirement benefits for employees cost \$339,000 by way of contribution to the Public Service Superannuation Account.

Grants to municipalities for services rendered to Board properties for 1956 amounted to \$416,500, paid under arrangements effective for the five-year period ending in 1959.

Maintenance expenses in 1956 were \$3,899,000, as compared with \$2,769,000 in the previous year. The substantial increase of \$1,130,000 is due to a considerable extent to two special items—provision for maintenance dredging at Quebec in the amount of \$500,000 and expenditure of \$392,000 for rehabilitation of elevator No. 2 at Vancouver.

Net operating income was \$9,691,417, as against \$9,123,422 in 1955, an increase of \$567,995.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1956 resulted in net income of \$2,304,337, as compared with \$2,021,863 in 1955, a gain of \$282,474.

In comparing the net income in 1956 with that of the previous year, it should be noted that the 1956 accounts include provision for reserve for replacement (i.e. depreciation) of capital assets of Prescott and Port Colborne elevators and Churchill harbour, and that no corresponding charge was made in 1955 or previous years. The additional amount set up in 1956 was \$332,000.

The following is a comparative consolidated income statement for each of the years 1952 to 1956 inclusive:

## COMPARATIVE CONSOLIDATED INCOME STATEMENT

|   | 1956       | 1955       | 1954       | 1953       | 1952       |
|---|------------|------------|------------|------------|------------|
|   | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....                   | 24,057,779 | 21,183,718 | 20,258,671 | 21,032,018 | 20,298,693 |
| OPERATING AND MAINTENANCE EXPENSES..... | 14,366,362 | 12,060,296 | 11,519,484 | 11,703,248 | 12,187,818 |
| Net Operating Income.....               | 9,691,417  | 9,123,422  | 8,739,187  | 9,328,770  | 8,110,875  |
| MISCELLANEOUS CREDITS (NET).....        | 1,469,209  | 1,173,149  | 1,076,593  | 946,514    | 802,939    |
| Total Income.....                       | 11,160,626 | 10,296,571 | 9,815,780  | 10,275,284 | 8,913,814  |
| INTEREST DUE PUBLIC.....                | —          | —          | 58         | 175        | 19,657     |
|   | 11,160,626 | 10,296,571 | 9,815,722  | 10,275,109 | 8,894,157  |
| OTHER INCOME REQUIREMENTS—              |            |            |            |            |            |
| Provision for—                          |            |            |            |            |            |
| Replacement of Capital Assets..         | 3,047,745  | 2,596,083  | 2,510,859  | 2,478,530  | 2,481,233  |
| Interest due Government.....            | 5,808,544  | 5,678,625  | 5,512,750  | 5,390,065  | 5,347,096  |
|   | 8,856,289  | 8,274,708  | 8,023,609  | 7,868,595  | 7,828,329  |
| Net Income.....                         | 2,304,337  | 2,021,863  | 1,792,113  | 2,406,514  | 1,065,828  |



The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|  |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|--|------|---------------------|-----------------------|----------------------------|
|  |      | \$                  | \$                    | \$                         |
| Halifax.....                           | 1952 | 1,606,576           | 1,251,530             | 355,046                    |
|  | 1953 | 1,671,954           | 1,224,866             | 447,088                    |
|  | 1954 | 1,665,862           | 1,208,840             | 457,022                    |
|  | 1955 | 1,988,469           | 1,363,173             | 625,296                    |
|  | 1956 | 1,909,248           | 1,434,250             | 474,998                    |
| Saint John.....                        | 1952 | 906,517             | 661,184               | 245,333                    |
|  | 1953 | 864,760             | 697,702               | 167,058                    |
|  | 1954 | 755,026             | 743,135               | 11,891                     |
|  | 1955 | 875,819             | 845,450               | 30,369                     |
|  | 1956 | 965,767             | 910,423               | 55,344                     |
| Chicoutimi.....                        | 1952 | 86,450              | 26,037                | 60,413                     |
|  | 1953 | 94,202              | 49,680                | 44,522                     |
|  | 1954 | 101,304             | 29,523                | 71,781                     |
|  | 1955 | 105,651             | 33,150                | 72,501                     |
|  | 1956 | 110,108             | 27,944                | 82,164                     |
| Quebec.....                            | 1952 | 1,722,137           | 2,130,402             | 408,265*                   |
|  | 1953 | 1,829,632           | 1,447,599             | 382,033                    |
|  | 1954 | 1,771,347           | 1,376,327             | 395,020                    |
|  | 1955 | 1,908,450           | 1,368,339             | 540,111                    |
|  | 1956 | 2,078,286           | 1,955,500             | 122,786                    |
| Three Rivers.....                      | 1952 | 336,628             | 63,584                | 273,044                    |
|  | 1953 | 320,823             | 83,040                | 237,783                    |
|  | 1954 | 344,180             | 52,668                | 291,512                    |
|  | 1955 | 349,418             | 74,556                | 274,862                    |
|  | 1956 | 393,156             | 179,035               | 214,121                    |
| Montreal.....                          | 1952 | 8,692,656           | 4,567,823             | 4,124,833                  |
|  | 1953 | 9,064,500           | 4,945,382             | 4,119,118                  |
|  | 1954 | 8,166,370           | 4,609,110             | 3,557,260                  |
|  | 1955 | 8,308,616           | 4,680,740             | 3,627,876                  |
|  | 1956 | 9,761,604           | 5,365,474             | 4,396,130                  |
| Jacques Cartier Bridge (Montreal)..... | 1952 | 1,599,684           | 197,162               | 1,402,522                  |
|  | 1953 | 1,734,087           | 206,563               | 1,527,524                  |
|  | 1954 | 1,811,523           | 220,917               | 1,590,606                  |
|  | 1955 | 2,100,393           | 233,000               | 1,867,393                  |
|  | 1956 | 2,154,240           | 278,257               | 1,875,983                  |
| Prescott.....                          | 1952 | 479,079             | 208,977               | 270,102                    |
|  | 1953 | 635,565             | 249,378               | 386,187                    |
|  | 1954 | 1,035,271           | 397,744               | 637,527                    |
|  | 1955 | 995,449             | 430,200               | 565,249                    |
|  | 1956 | 1,086,880           | 488,972               | 597,908                    |
| Port Colborne.....                     | 1952 | 860,348             | 485,315               | 375,033                    |
|  | 1953 | 1,048,208           | 565,268               | 482,940                    |
|  | 1954 | 799,384             | 493,400               | 305,984                    |
|  | 1955 | 766,666             | 496,958               | 269,708                    |
|  | 1956 | 869,683             | 588,078               | 281,605                    |

\* Deficit

|                |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|----------------|------|---------------------|-----------------------|----------------------------|
|                |      | \$                  | \$                    | \$                         |
| Churchill..... | 1952 | 480,345             | 532,432               | 52,087*                    |
|                | 1953 | 621,027             | 544,747               | 76,280                     |
|                | 1954 | 732,762             | 623,026               | 109,736                    |
|                | 1955 | 782,726             | 710,606               | 72,120                     |
|                | 1956 | 1,074,722           | 745,554               | 329,168                    |
| Vancouver..... | 1952 | 3,528,272           | 2,063,370             | 1,464,902                  |
|                | 1953 | 3,147,259           | 1,689,025             | 1,458,234                  |
|                | 1954 | 3,075,642           | 1,764,794             | 1,310,848                  |
|                | 1955 | 3,002,061           | 1,824,124             | 1,177,937                  |
|                | 1956 | 3,654,085           | 2,392,875             | 1,261,210                  |
| All Units..... | 1952 | 20,298,693          | 12,187,817            | 8,110,876                  |
|                | 1953 | 21,032,018          | 11,703,248            | 9,328,770                  |
|                | 1954 | 20,258,671          | 11,519,484            | 8,739,187                  |
|                | 1955 | 21,183,718          | 12,060,296            | 9,123,422                  |
|                | 1956 | 24,057,779          | 14,366,362            | 9,691,417                  |

\* Deficit

## CHANGES IN TARIFFS

No important changes in harbour tariffs were made in 1956. A few minor adjustments took place, relating for the most part to increases in service charges brought about by higher labour costs.

## CAPITAL EXPENDITURES

Expenditures on capital account in 1956 totalled \$13,021,888. Of this amount, \$11,743,792 has been or will be financed by advances from the Government, bearing interest at  $3\frac{1}{2}\%$  per annum; \$225,571 was provided from replacement funds; and \$1,052,525 from revenue.

The distribution of capital expenditures, by places, is as follows:

*From Borrowings—*

|                    |              |            |
|--------------------|--------------|------------|
| Halifax.....       | \$ 2,225,893 |            |
| Saint John.....    | 651,168      |            |
| Chicoutimi.....    | 10,000       |            |
| Quebec.....        | 1,226,388    |            |
| Three Rivers.....  | 26,983       |            |
| Montreal.....      | 7,292,150    |            |
| Prescott.....      | 51,995       |            |
| Port Colborne..... | 79,955       |            |
| Churchill.....     | 39,365       |            |
| Vancouver.....     | 139,895      | 11,743,792 |

*From Replacement Funds—*

|                 |         |         |
|-----------------|---------|---------|
| Halifax.....    | 167,672 |         |
| Saint John..... | 1,320   |         |
| Quebec.....     | 1,135   |         |
| Montreal.....   | 6,230   |         |
| Vancouver.....  | 49,214  | 225,571 |

*From Revenues—*

|                             |         |           |
|-----------------------------|---------|-----------|
| Jacques Cartier Bridge..... | 708,173 |           |
| Vancouver.....              | 344,352 | 1,052,525 |

\$ 13,021,888

Major construction projects completed or in progress during 1956 included new or improved wharves at Halifax, Quebec and Montreal; transit sheds at Halifax, Saint John and Montreal; improvements in grain loading facilities at Halifax; changes and additions to the grain elevator system at Montreal; installation of grain elevator equipment and additional oil storage tanks at Vancouver; completion of one additional traffic lane and improvements of the south shore approaches, Jacques Cartier bridge; dredging to improve and create new channels at Montreal. Uncompleted work at the end of the year on major contracts amounted to upwards of \$14,500,000.

Under the Appropriation Act, 1956, authority was given for the construction and operation by the Board of a bridge for general traffic across the St. Lawrence River. Only preliminary engineering expense has been incurred to date.

The book value of capital assets as at December 31, 1956, was \$262,586,208.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1956, and also the amounts paid to the Treasury from Board funds:

### *Amounts Required from Government—*

|                           |               |
|---------------------------|---------------|
| Capital expenditures..... | \$ 11,743,792 |
|---------------------------|---------------|

### *Amounts Paid to Government—*

|                           |           |
|---------------------------|-----------|
| Interest on Advances..... | 3,148,074 |
|---------------------------|-----------|

### *Surplus earnings (1955)—*

|                             |            |                     |
|-----------------------------|------------|---------------------|
| Prescott Elevator.....      | \$ 563,925 |                     |
| Port Colborne Elevator..... | 262,325    |                     |
|                             |            | 826,250             |
| Repayment of advances.....  |            | 507,688             |
|                             |            | <u>\$ 4,482,012</u> |

## RESERVE FUNDS

As at December 31, 1956, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$50,000,773, the increase in the year being \$4,620,066.

The reserves consist of cash on deposit with the Receiver General, \$1,106,694, and investments in authorized securities, book value \$48,936,699, market value \$45,090,569 (less accounts payable \$42,620). In addition, miscellaneous funds were held in the amount of \$77,182, represented by cash on deposit with the Receiver General, \$13,041, and authorized investments, book value \$64,141, market value \$59,418.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$2,113,148 book value, market value \$2,101,377.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1956, and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

---

Russell Yuill, M.B.E., C.E., port manager at Saint John, retired on pension effective January 1, 1957. He had held that position since June 1, 1946. His prior service was with the Board's engineering staff at Ottawa, to which he was appointed in 1936, and with the former Department of Railways and Canals, which he joined in 1915. His public service of over forty-one years was marked by competence and devotion. The Board is pleased to pay tribute to the valuable contribution made by this able and experienced official.

The Board records, with great regret, the death on February 11, 1957, of Henri Gauthier, port manager at Three Rivers. He had held the position since March 1, 1952, and carried out his duties with diligence and ability.

Respectfully submitted,  
B. J. ROBERTS,  
*Chairman.*

M. ARCHER,  
*Vice-Chairman.*

E. J. ALTON,  
C. H. MALCOLM,  
*Members.*

T. M. BRYSON,  
*Secretary.*





|  |         |
|--|---------|
| DEFERRED CHARGES—  |         |
| Unamortized balance of bond discount and redemption expense<br>(Jacques Cartier Bridge)..... | 787,116 |
| PRELIMINARY CAPITAL EXPENSE.....   | 72,642  |
| DEBIT BALANCES IN SUSPENSE.....  | 197,465 |

## CAPITAL ASSETS—

|  |            |
|--|------------|
| (at cost or estimated cost)                    |            |
| Harbour Dredging.....                          | 12,206,828 |
| Real Estate.....                               | 12,534,818 |
| Vehicular Bridges.....                         | 201,976    |
| Roads, Fences and Boundaries.....              | 2,227,882  |
| Sewers and Drains.....                         | 830,429    |
| Miscellaneous Structures.....                  | 723,278    |
| Wharves and Piers.....                         | 99,550,650 |
| Permanent Sheds.....                           | 28,466,364 |
| Shed Hoists and Electric Cranes.....           | 406,545    |
| Railway Systems.....                           | 6,616,470  |
| Crain Elevator Systems.....                    | 47,081,799 |
| Cold Storage Systems.....                      | 6,147,128  |
| Office Furniture and Appliances.....           | 248,985    |
| Harbour Buildings.....                         | 2,431,398  |
| Central Heating Plants.....                    | 126,383    |
| Harbour Shops.....                             | 316,861    |
| Electric Power Systems.....                    | 2,202,272  |
| Water Supply Systems.....                      | 1,047,032  |
| Floating Equipment.....                        | 2,064,192  |
| Shore Equipment.....                           | 1,062,165  |
| Miscellaneous Small Plant.....                 | 611,610    |
| Engineering—General Surveys.....               | 119,441    |
| Works under Construction.....                  | 11,563,048 |
| Sundry Expenditure—Undistributed.....          | 4,339,129  |
| Bridge Construction and Right-of-Way, etc..... | 19,459,525 |

262,586,208

---



---

\$326,554,797

Certified Correct:  
T. M. BRYSON  
*Secretary*

Approved: B. J. ROBERTS  
*Chairman*

|  |            |
|--|------------|
| Deduct: Deficit—   |            |
| Balance as at Jan. 1, 1956.....  | 62,020,373 |
| Add: Establishment of reserves for<br>replacement of Capital Assets<br>with respect to Prescott and<br>Port Colborne Elevators and<br>Churchill Harbour (\$7,208,884)<br>less other sundry prior years'<br>adjustments (\$70,419)..... | 7,138,465  |
| Payment to Receiver General<br>of Canada in respect of 1955<br>earnings of Prescott and Port<br>Colborne Elevators.....  | 826,250    |

69,985,088

Less: Net Income for the year  
ended Dec. 31, 1956, per state-  
ment of Income and Expense.

---

2,304,337

67,680,751

---

319,983,886

---



---

\$326,554,797

Certified in accordance with my report dated March 22, 1957 to the Minister  
of Transport, under Section 87 of the Financial Administration Act.

WATSON SELLAR,  
*Auditor General of Canada.*

## NATIONAL HARBOURS BOARD

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbours—

|                       |                   |              |
|-----------------------|-------------------|--------------|
| Harbour Dues.....     | \$ 381,875        |              |
| Cargo Rates.....      | 620,389           |              |
| Handling.....         | 1,063,639         |              |
| Property Rentals..... | 500,114           |              |
| Miscellaneous.....    | 46,026            |              |
|                       | <u>          </u> | \$ 2,612,043 |

## Wharves and Piers—

|                           |                   |           |
|---------------------------|-------------------|-----------|
| Top Wharfage.....         | 4,967,076         |           |
| Dockage and Berthage..... | 1,323,965         |           |
| Wharf Space Rentals.....  | 573,419           |           |
| Miscellaneous.....        | 103,155           |           |
|                           | <u>          </u> | 6,967,615 |

## Grain Elevator Systems—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Elevation.....     | 4,462,648         |           |
| Storage.....       | 2,069,321         |           |
| Rentals.....       | 437,373           |           |
| Miscellaneous..... | 512,244           |           |
|                    | <u>          </u> | 7,481,586 |

## Cold Storage Systems—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Storage.....       | 772,267           |           |
| Miscellaneous..... | 278,216           |           |
|                    | <u>          </u> | 1,050,483 |

## Permanent Sheds—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Shed Rentals.....  | 896,984           |           |
| Storage.....       | 251,249           |           |
| Miscellaneous..... | 124,342           |           |
|                    | <u>          </u> | 1,272,575 |

|                             |                   |               |
|-----------------------------|-------------------|---------------|
| Bridge—Tolls, etc.....      | 2,154,240         |               |
| Railway Systems.....        | 1,236,848         |               |
| Miscellaneous Services..... | 1,282,389         |               |
|                             | <u>          </u> | \$ 24,057,779 |

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

OPERATING INCOME— (from previous page) \$ 24,057,779

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                      |
|---|----------------------|
| Harbours (including dredging \$890,597; handling, \$961,325) .. | \$ 3,333,529         |
| Wharves and Piers.....  | 641,346              |
| Grain Elevator Systems.....                                     | 4,524,447            |
| Cold Storage Systems.....                                       | 954,638              |
| Permanent Sheds.....  | 1,024,866            |
| Bridge.....   | 241,280              |
| Railway Systems.....  | 1,005,193            |
| Miscellaneous Services.....                                     | 1,255,668            |
|   | <u>\$ 12,980,967</u> |

## Administrative—

|  |                  |
|--|------------------|
| Salaries of Board Members and Executive Officers.....      | 89,460           |
| Other Salaries.....  | 698,604          |
| Contributions to Public Service Superannuation Account.... | 339,350          |
| Office Expenses.....                                       | 55,308           |
| Miscellaneous.....   | 202,673          |
|  | <u>1,385,395</u> |
|  | 14,366,362       |

NET OPERATING INCOME..... 9,691,417

## ADD OTHER INCOME—

|  |                  |
|--|------------------|
| Income from investments (less \$133,900 transferred to Reserves other than that for Replacement of Capital Assets.)..... | 1,449,208        |
| Miscellaneous.....   | 144,586          |
|  | <u>1,593,794</u> |
|  | 11,285,211       |

## DEDUCT SPECIAL CHARGES—

|  |                  |
|--|------------------|
| Provision for interest on Loans and Advances.....              | 5,808,544        |
| Provision for Replacement of Capital Assets.....               | 3,047,745        |
| Provision for Doubtful Accounts.....                           | 1,169            |
| Amortization of Bond Discount and Bond Redemption Expense..... | 61,334           |
| Other.....   | 62,082           |
|  | <u>8,980,874</u> |

NET INCOME..... \$ 2,304,337



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL'S OFFICE

OTTAWA, MARCH 22, 1957

The Honourable G. C. Marler,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1956.

In previous years, no provision was made in the accounts for replacement of capital assets of the Prescott and Port Colborne Elevators and Churchill Harbour, when determining the overall net income of the Board. In the year under review, accounting entries were made to establish reserves for replacement of the capital assets of these activities, similar to those provided with respect to other works under the administration, management and control of the Board. This was done by means of a surplus adjustment of \$7,208,884, and by additional charges of \$332,796 against the Income for the year. In my opinion, this is a satisfactory accounting change because it results in like treatment for all activities of the Board.

In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) are in agreement with the books of account and were prepared on a basis consistent with that of the preceding year, save for the change, referred to above, in the basis of providing for replacement of capital assets,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense, give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

WATSON SELLAR

*Auditor General.*

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 17,000 linear feet of berthing, which provide 23 deepsea berths and 7 berths for coastal or other vessels. There are 18 transit sheds with an aggregate floor area of about 1,306,000 square feet. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 75,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with freezing, storing, and packing equipment, and ample rail connections.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|----------------------|------------------------------|
| <i>Arrivals—</i>   |                      |                              |
| 1956.....          | 2,887                | 6,443,407                    |
| 1955.....          | 2,946                | 6,273,417                    |
| 1954.....          | 2,922                | 5,682,229                    |
| 1953.....          | 3,076                | 5,614,067                    |
| 1952.....          | 3,122                | 5,711,444                    |
| <i>Departures—</i> |                      |                              |
| 1956.....          | 2,885                | 6,474,538                    |
| 1955.....          | 2,931                | 6,232,369                    |
| 1954.....          | 2,929                | 5,720,849                    |
| 1953.....          | 3,063                | 5,595,211                    |
| 1952.....          | 3,126                | 5,724,235                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|   | 1956              |                        | 1955              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,583             | 6,270,765              | 1,572             | 6,094,350              |
| Coastal or inland commercial (including fishery)..... | 1,266             | 137,446                | 1,346             | 155,542                |
| Other.....  | 38                | 35,196                 | 28                | 23,525                 |
| Total.....  | 2,887             | 6,443,407              | 2,946             | 6,273,417              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,588             | 6,303,562              | 1,559             | 6,054,220              |
| Coastal or inland commercial (including fishery)..... | 1,260             | 135,597                | 1,343             | 154,143                |
| Other.....  | 37                | 35,379                 | 29                | 24,006                 |
| Total.....  | 2,885             | 6,474,538              | 2,931             | 6,232,369              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1956.....        | 2,901,904 | 2,281,097 | 5,183,001 |
| 1955.....        | 2,340,236 | 1,732,163 | 4,072,399 |
| 1954.....        | 2,048,550 | 664,666   | 2,713,216 |
| 1953.....        | 2,161,694 | 840,731   | 3,002,425 |
| 1952.....        | 2,171,826 | 823,863   | 2,995,689 |
| <i>Domestic—</i> |           |           |           |
| 1956.....        | 232,612   | 1,435,283 | 1,667,895 |
| 1955.....        | 395,763   | 1,150,907 | 1,546,670 |
| 1954.....        | 306,795   | 949,806   | 1,255,881 |
| 1953.....        | 329,701   | 1,070,590 | 1,400,291 |
| 1952.....        | 406,958   | 1,143,355 | 1,550,313 |
| <i>Total—</i>    |           |           |           |
| 1956.....        | 3,134,516 | 3,716,380 | 6,850,896 |
| 1955.....        | 2,735,999 | 2,883,070 | 5,619,069 |
| 1954.....        | 2,355,345 | 1,613,752 | 3,969,097 |
| 1953.....        | 2,491,395 | 1,911,321 | 4,402,716 |
| 1952.....        | 2,578,784 | 1,967,218 | 4,546,002 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)  
 Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels  
 during calendar year 1956, with comparison for 1955.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil, crude | Petroleum<br>Oil, fuel | Gypsum,<br>crude | Grain   | Gasoline | Flour,<br>wheat | Fish<br>(including<br>Shell-fish),<br>dried,<br>pickled,<br>salted or<br>smoked | Bauxite<br>Ore | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Cement,<br>common<br>or<br>portland | Motor<br>Vehicles<br>and<br>Parts |
|------------------|-------------------------|------------------------|------------------|---------|----------|-----------------|---|----------------|---|-------------------------------------|-----------------------------------|
| <i>Foreign—</i>  |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| Inward—          |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | 1,780,032               | 491,796                | .....            | 4,121   | 199,676  | 29              | 617   | 41,575         | 140   | 57,994                              | 38,470                            |
| 1955.....        | 1,039,118               | 788,291                | .....            | 1,026   | 181,710  | 137             | 1,116   | .....          | 149   | 24,796                              | 15,056                            |
| Outward—         |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | .....                   | 743                    | 1,167,728        | 607,807 | .....    | 94,378          | 60,070  | .....          | 38,819  | 21                                  | 4,430                             |
| 1955.....        | .....                   | 1,707                  | 631,168          | 450,706 | .....    | 84,872          | 68,839  | .....          | 59,271  | 3,636                               | 10,447                            |
| <i>Domestic—</i> |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| Inward—          |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | .....                   | 31,936                 | .....            | .....   | 108,064  | 91              | 24,847  | .....          | 79  | 3,070                               | 453                               |
| 1955.....        | .....                   | 4,639                  | .....            | .....   | 201,530  | .....           | 36,771  | .....          | 1,058   | 9,169                               | 264                               |
| Outward—         |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | .....                   | 808,892                | 123,028          | 1,687   | 264,708  | 4,174           | 182   | 40,510         | 25,453  | 820                                 | 9,156                             |
| 1955.....        | .....                   | 714,374                | 33,771           | 1,019   | 210,209  | 3,885           | 524   | .....          | 18,505  | 974                                 | 9,000                             |
| <i>Totals—</i>   |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| Inward—          |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | 1,780,032               | 523,732                | .....            | 4,121   | 307,740  | 120             | 25,464  | 41,575         | 219   | 61,064                              | 38,923                            |
| 1955.....        | 1,039,118               | 792,930                | .....            | 1,026   | 383,240  | 137             | 37,887  | .....          | 1,207   | 33,965                              | 15,320                            |
| Outward—         |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | .....                   | 869,635                | 1,290,756        | 609,494 | 264,708  | 98,552          | 60,252  | 40,510         | 64,272  | 841                                 | 13,586                            |
| 1955.....        | .....                   | 716,081                | 684,939          | 451,725 | 210,209  | 88,757          | 69,393  | .....          | 77,776  | 4,610                               | 19,447                            |
| Total—           |                         |                        |                  |         |          |                 |   |                |   |                                     |                                   |
| 1956.....        | 1,780,032               | 1,393,367              | 1,290,756        | 613,615 | 572,448  | 98,672          | 85,716  | 82,085         | 64,491  | 61,905                              | 52,509                            |
| 1955.....        | 1,039,118               | 1,509,011              | 684,939          | 452,751 | 593,449  | 88,894          | 107,250   | .....          | 78,983  | 38,575                              | 34,767                            |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Rubber,<br>crude<br>(including<br>Latex) | Potatoes | Iron<br>or<br>Steel,<br>scrap | Fish<br>(including<br>Shell-fish),<br>fresh<br>or<br>frozen | Copper<br>Concen-<br>trates,<br>Matte<br>and<br>Ore | Coal,<br>bituminous | Vegetable<br>Oils | Oil Cake<br>and<br>Oil-cake<br>Meal | Coal,<br>anthracite | Paper,<br>newsprint |
|------------------|--|--|----------|-------------------------------|---|---|---------------------|-------------------|-------------------------------------|---------------------|---------------------|
| <i>Foreign—</i>  |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| Inward—          |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        | 7,562  | 41,307                                   |          | 21                            | 22  |   | 275                 | 25,249            |                                     | 20,560              |                     |
| 1955.....        | 353  | 42,586                                   |          | 14                            |   | 478   |                     | 28,764            | 49                                  | 25,327              |                     |
| Outward—         |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        | 39,394   | 4,103                                    | 37,401   | 29,816                        | 439   | 28,108  | 5                   | 975               | 22,231                              | 57                  | 19,153              |
| 1955.....        | 77,851   | 5,592                                    | 21,916   | 12,190                        | 65  | 35,097  |                     |                   | 9,991                               | 60                  | 30,312              |
| <i>Domestic—</i> |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| Inward—          |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        |  |  |          | 10                            | 28,344  |   | 27,279              |                   | 30                                  |                     | 198                 |
| 1955.....        |  |  |          |                               | 30,441  |   | 103,081             |                   |                                     |                     |                     |
| Outward—         |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        |  |  | 3,040    |                               |   |   |                     |                   |                                     | 72                  |                     |
| 1955.....        |  | 29                                       | 4,085    | 89                            |   |   |                     |                   | 9                                   | 82                  |                     |
| <i>Totals—</i>   |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| Inward—          |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        | 7,562  | 41,307                                   |          | 31                            | 28,366  |   | 27,554              | 25,249            |                                     | 20,560              | 198                 |
| 1955.....        | 353  | 42,586                                   |          | 14                            | 30,441  | 478   | 103,081             | 28,764            | 79                                  | 25,327              |                     |
| Outward—         |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        | 39,394   | 4,103                                    | 40,441   | 29,816                        | 439   | 28,108  | 5                   | 975               | 22,231                              | 129                 | 19,153              |
| 1955.....        | 77,851   | 5,621                                    | 26,001   | 12,279                        | 65  | 35,097  |                     |                   | 10,000                              | 142                 | 30,312              |
| <i>Total—</i>    |  |  |          |                               |   |   |                     |                   |                                     |                     |                     |
| 1956.....        | 46,956   | 45,410                                   | 40,441   | 29,847                        | 28,805  | 28,108  | 27,559              | 26,224            | 22,231                              | 20,689              | 19,351              |
| 1955.....        | 78,204   | 48,207                                   | 26,001   | 12,293                        | 30,506  | 35,575  | 103,081             | 28,764            | 10,079                              | 25,469              | 30,312              |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers and Fertilizer Materials | Logs, Masts, Piling, Pileprops, Poles, Posts, Spars and Ties (railway) | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin Plate | Grain Products (Mill except Wheat Flour) | Asbestos and Asbestos Manufactures | Feed, animal or poultry, not otherwise specified | Salt   | Tea    | Kerosene | Barytes | Machinery and Parts (except agricultural) |
|------------------|--------------------------------------|--|--|--|------------------------------------|--|--------|--------|----------|---------|---|
| <i>Foreign—</i>  |                                      |  |  |  |                                    |  |        |        |          |         |   |
| Inward—          |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 13,454                               | 24   | 8,839  | 20                                       | 87                                 | .....  | 9,101  | 8,758  | 4,590    | 21      | 6,863                                     |
| 1955.....        | 12,523                               | .....  | 3,721  | .....                                    | 199                                | 193  | 12,878 | 10,088 | 17,387   | .....   | 3,603                                     |
| Outward—         |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 822                                  | 9,218  | 2,855  | 11,758                                   | 10,388                             | 4,506  | 41     | 243    | .....    | 8,735   | 1,202                                     |
| 1955.....        | 33,259                               | 9,957  | 3,218  | 11,556                                   | 10,297                             | 5,462  | 53     | 7      | .....    | 2,250   | 391                                       |
| <i>Domestic—</i> |                                      |  |  |  |                                    |  |        |        |          |         |   |
| Inward—          |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | .....                                | 1,317  | 3  | 460                                      | .....                              | 162  | 234    | .....  | .....    | .....   | 44  |
| 1955.....        | 20                                   | .....  | .....  | .....                                    | .....                              | .....  | 793    | .....  | .....    | .....   | .....                                     |
| Outward—         |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 1,126                                | 3,555  | 1,790  | 1,170                                    | 44                                 | 5,586  | 600    | 78     | 4,378    | .....   | 475                                       |
| 1955.....        | 2,544                                | 2,900  | 1,216  | 862                                      | 104                                | 6,148  | 858    | 110    | 5,386    | .....   | 346                                       |
| <i>Totals—</i>   |                                      |  |  |  |                                    |  |        |        |          |         |   |
| Inward—          |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 13,454                               | 1,341  | 8,842  | 480                                      | 87                                 | 162  | 9,335  | 8,758  | 4,590    | 21      | 6,907                                     |
| 1955.....        | 12,543                               | .....  | 3,721  | .....                                    | 199                                | 193  | 13,671 | 10,088 | 17,387   | .....   | 3,603                                     |
| Outward—         |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 1,948                                | 12,773   | 4,645  | 12,928                                   | 10,432                             | 10,092   | 641    | 321    | 4,378    | 8,735   | 1,677                                     |
| 1955.....        | 35,803                               | 12,857   | 4,434  | 12,418                                   | 10,401                             | 11,610   | 911    | 117    | 5,386    | 2,250   | 737                                       |
| <i>Total—</i>    |                                      |  |  |  |                                    |  |        |        |          |         |   |
| 1956.....        | 15,402                               | 14,114   | 13,487   | 13,408                                   | 10,519                             | 10,254   | 9,976  | 9,079  | 8,968    | 8,755   | 8,584                                     |
| 1955.....        | 48,346                               | 12,857   | 8,155  | 12,418                                   | 10,600                             | 11,803   | 14,552 | 10,205 | 22,773   | 2,250   | 4,340                                     |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Apples | Iron or<br>Steel,<br>structural | Beverages,<br>alcoholic | Hay and<br>Straw | Milk<br>condensed,<br>evaporated,<br>or<br>powdered | Vegetables,<br>fresh,<br>not<br>otherwise<br>specified | Nuts  | Meats,<br>canned,<br>cured,<br>prepared or<br>preserved | Ice   | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--------|---------------------------------|-------------------------|------------------|---|--|-------|---|-------|---|-----------|
| <i>Foreign—</i>  |        |                                 |                         |                  |   |  |       |   |       |   |           |
| Inward—          |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 30     | 4,304                           | 4,537                   | .....            | 139   | 1,370  | 4,917 | 582   | ..... | 124,822                                       | 2,901,904 |
| 1955.....        | 5      | 252                             | 3,167                   | .....            | 1   | 2,965  | 4,395 | 1,652   | ..... | 118,237                                       | 2,340,236 |
| Outward—         |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 6,601  | 1,307                           | 1,672                   | 567              | 2,113   | 2,130  | 128   | 3,963   | ..... | 57,170  | 2,281,097 |
| 1955.....        | 6,370  | 751                             | 1,375                   | 595              | 2,949   | 1,712  | 15    | 3,408   | ..... | 114,818                                       | 1,732,163 |
| <i>Domestic—</i> |        |                                 |                         |                  |   |  |       |   |       |   |           |
| Inward—          |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | .....  | .....                           | 6                       | .....            | 29  | 23   | 5     | 4   | ..... | 5,954   | 232,612   |
| 1955.....        | .....  | .....                           | .....                   | .....            | .....   | .....  | ..... | 307   | ..... | 7,660   | 395,763   |
| Outward—         |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 971    | 1,412                           | 377                     | 5,530            | 2,829   | 1,579  | 4     | 439   | 4,924 | 56,694  | 1,435,283 |
| 1955.....        | 1,452  | 1,263                           | 490                     | 5,300            | 2,197   | 1,706  | ..... | 569   | 4,642 | 116,259                                       | 1,150,907 |
| <i>Totals—</i>   |        |                                 |                         |                  |   |  |       |   |       |   |           |
| Inward—          |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 30     | 4,304                           | 4,543                   | .....            | 168   | 1,393  | 4,922 | 586   | ..... | 130,776                                       | 3,134,516 |
| 1955.....        | 5      | 252                             | 3,167                   | .....            | 1   | 2,965  | 4,395 | 1,959   | ..... | 125,897                                       | 2,735,999 |
| Outward—         |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 7,572  | 2,719                           | 2,049                   | 6,097            | 4,942   | 3,709  | 132   | 4,402   | 4,924 | 113,864                                       | 3,716,380 |
| 1955.....        | 7,822  | 2,014                           | 1,865                   | 5,895            | 5,146   | 3,418  | 15    | 3,977   | 4,642 | 231,077                                       | 2,883,070 |
| Total—           |        |                                 |                         |                  |   |  |       |   |       |   |           |
| 1956.....        | 7,602  | 7,023                           | 6,592                   | 6,097            | 5,110   | 5,102  | 5,054 | 4,988   | 4,924 | 244,640                                       | 6,850,896 |
| 1955.....        | 7,827  | 2,266                           | 5,032                   | 5,895            | 5,147   | 6,383  | 4,410 | 5,936   | 4,642 | 356,974                                       | 5,619,069 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

| —                 | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1956.....         | 48,932 | 7,200    | 56,132 |
| 1955.....         | 38,281 | 8,024    | 46,305 |
| 1954.....         | 50,914 | 9,126    | 60,040 |
| 1953.....         | 65,870 | 7,422    | 73,292 |
| 1952.....         | 80,014 | 6,758    | 86,772 |
| <i>Coastwise—</i> |        |          |        |
| 1956.....         | 355    | 322      | 677    |
| 1955.....         | 308    | 578      | 886    |
| 1954.....         | 218    | 417      | 635    |
| 1953.....         | 177    | 298      | 475    |
| 1952.....         | 22     | 39       | 61     |
| <i>Total—</i>     |        |          |        |
| 1956.....         | 49,287 | 7,522    | 56,809 |
| 1955.....         | 38,589 | 8,602    | 47,191 |
| 1954.....         | 51,132 | 9,543    | 60,675 |
| 1953.....         | 66,047 | 7,720    | 73,767 |
| 1952.....         | 80,036 | 6,797    | 86,833 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1956, with comparisons for previous years

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1956.....         | 137,385    | 19,995,178 | 20,132,563 |
| 1955.....         | .....      | 14,986,034 | 14,986,034 |
| 1954.....         | .....      | 4,270,924  | 4,270,924  |
| 1953.....         | 8,798      | 13,823,627 | 13,832,425 |
| 1952.....         | 74,683     | 10,172,923 | 10,247,606 |
| <i>Via rail—</i>  |            |            |            |
| 1956.....         | 19,494,365 | .....      | 19,494,365 |
| 1955.....         | 15,104,849 | 15,317     | 15,120,166 |
| 1954.....         | 5,727,726  | .....      | 5,727,726  |
| 1953.....         | 14,597,743 | .....      | 14,597,743 |
| 1952.....         | 10,604,555 | .....      | 10,604,555 |
| <i>Via other—</i> |            |            |            |
| 1956.....         | .....      | 28,816     | 28,816     |
| 1955.....         | .....      | 28,790     | 28,790     |
| 1954.....         | .....      | 32,133     | 32,133     |
| 1953.....         | .....      | 36,394     | 36,394     |
| 1952.....         | .....      | 27,333     | 27,333     |
| <i>Total—</i>     |            |            |            |
| 1956.....         | 19,631,750 | 20,023,994 | 39,655,744 |
| 1955.....         | 15,104,849 | 15,030,141 | 30,134,990 |
| 1954.....         | 5,727,726  | 4,303,057  | 10,030,783 |
| 1953.....         | 14,606,541 | 13,860,021 | 28,466,562 |
| 1952.....         | 10,679,238 | 10,200,256 | 20,879,494 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$310,864. The main items were replacement of electrical circuits and reconditioning substation and switchboard at the cold storage plant; replacement of the carloading spout at the grain elevator; weatherproofing certain of the exterior walls of the cold storage plant, and reconstruction of the power pole line at Deep Water terminals.

## CAPITAL WORKS

Expenditures on capital account amounted to \$2,393,566 of which \$167,672 was provided from replacement fund. The principal items were:—

*Construction of Pier A-1.*—A contract was awarded to Foundation Maritime Limited in August, 1955, for the construction of a reinforced concrete crib and fill-type pier, 600 feet by 290 feet, at Ocean terminals. In August, 1956, the contract was amended in order to provide for a 455-foot extension, thereby increasing the total length of the pier to 1,055 feet. Approximately 55% of the work was completed at the end of 1956.

*Installation of a New Ten-Inch Main at Richmond Terminal.*—This facility was installed under contract with Standard Paving Maritime Limited and was designed to improve the water service for fire protection and general use in the area of the new pier 9 transit shed. The project was completed early in 1956.

*Replacement of Grain Galleries 3 and 4 and Additional Grain Shipping Facilities.*—A contract for the demolition of wooden grain galleries 3 and 4 and their reconstruction in steel, also the construction of a new shipping house between elevators 2 and 3 was awarded to Fundy Construction Company Limited in April, 1956. Due to delay in delivery of materials, only preliminary work was carried out in 1956.

*Reconstruction of Shed 27.*—In April, 1956, a contract was awarded to Francis J. Brown for the demolition and removal of shed 27. This work was completed during the year.

A contract was also awarded in April, 1956, to Robb Engineering Works Limited for the supply and erection of structural steel for new transit shed 27. Ninety per cent of the work was completed at the end of 1956.

Fundy Construction Company Limited was awarded a contract in July, 1956, for the construction of shed 27 foundations, offices and all other work required exclusive of structural steel. The work on new transit shed 27 was 60% completed at the end of 1956.

*Minor Items.*—These included the construction of fireproof office buildings in sheds 20 and 21; replacement of  $\frac{1}{2}$ -ton pick-up truck, and paving of entrance to sheds 21 and 22.

## INCOME AND EXPENSE

Operating income amounted to \$1,909,248, as compared with \$1,988,469 in 1955, the decrease being \$79,221. Operating and maintenance expenses increased by \$71,077, being \$1,434,250 in 1956, as compared with \$1,363,173 in 1955. Net operating income was \$474,998 in 1956, as against \$625,296 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net income deficit of \$252,263, as compared with a deficit of \$80,759 in 1955.



## HARBOUR OF HALIFAX

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |               |           |
|-----------------------|---------------|-----------|
| Harbour Dues.....     | \$ 51,086     |           |
| Property Rentals..... | 23,606        |           |
|                       | <u>74,692</u> | \$ 74,692 |

## Wharves and Piers—

|                          |                |         |
|--------------------------|----------------|---------|
| Top Wharfage.....        | 462,237        |         |
| Dockage.....             | 132,376        |         |
| Wharf Space Rentals..... | 32,781         |         |
| Miscellaneous.....       | 193            |         |
|                          | <u>627,587</u> | 627,587 |

## Grain Elevator System—

|                    |                |         |
|--------------------|----------------|---------|
| Elevation.....     | 306,712        |         |
| Storage.....       | 187,611        |         |
| Rentals.....       | 1,775          |         |
| Miscellaneous..... | 17,661         |         |
|                    | <u>513,759</u> | 513,759 |

## Cold Storage System—

|                    |                |         |
|--------------------|----------------|---------|
| Storage.....       | 224,731        |         |
| Miscellaneous..... | 110,062        |         |
|                    | <u>334,793</u> | 334,793 |

## Permanent Sheds—

|                    |                |         |
|--------------------|----------------|---------|
| Shed Rentals.....  | 124,743        |         |
| Storage.....       | 54,973         |         |
| Miscellaneous..... | 119,249        |         |
|                    | <u>298,965</u> | 298,965 |

|                             |                     |  |
|-----------------------------|---------------------|--|
| Miscellaneous Services..... | 59,452              |  |
|                             | <u>\$ 1,909,248</u> |  |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                             |                  |           |
|-----------------------------|------------------|-----------|
| Harbour.....                | 177,788          |           |
| Wharves and Piers.....      | 64,053           |           |
| Grain Elevator System.....  | 314,438          |           |
| Cold Storage System.....    | 349,499          |           |
| Permanent Sheds.....        | 297,803          |           |
| Miscellaneous Services..... | 63,754           |           |
|                             | <u>1,272,335</u> | 1,272,335 |

## Administrative—

|  |                |         |
|--|----------------|---------|
| Salaries.....  | 69,959         |         |
| Contribution to Public Service Superannuation Account..... | 34,994         |         |
| Office Expenses.....                                       | 6,906          |         |
| Other.....   | 50,056         |         |
|  | <u>161,915</u> | 161,915 |

1,434,250

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 474,998 |
|---------------------------|---------|

## ADD OTHER INCOME—

|   |                |         |
|---|----------------|---------|
| Income from investments (less \$9,064 applicable to Reserve Funds)..... | 206,034        |         |
| Miscellaneous.....  | 341            |         |
|   | <u>206,375</u> | 206,375 |
|   | <u>681,373</u> | 681,373 |

## DEDUCT SPECIAL CHARGES—

|   |                |         |
|---|----------------|---------|
| Provision for interest on Loans and Advances..... | 551,358        |         |
| Provision for Replacement of Capital Assets.....  | 377,448        |         |
| Provision for Doubtful Accounts.....              | 18             |         |
| Other.....  | 4,812          |         |
|   | <u>933,636</u> | 933,636 |

|                         |            |
|-------------------------|------------|
| NET INCOME DEFICIT..... | \$ 252,263 |
|-------------------------|------------|



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deepsea berths and 6 berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 983,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,576,800 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 1,608                   | 2,701,415                    |
| 1955.....          | 1,454                   | 2,548,372                    |
| 1954.....          | 1,631                   | 2,633,413                    |
| 1953.....          | 1,628                   | 2,735,542                    |
| 1952.....          | 1,834                   | 2,656,227                    |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 1,595                   | 2,660,661                    |
| 1955.....          | 1,455                   | 2,553,310                    |
| 1954.....          | 1,637                   | 2,655,380                    |
| 1953.....          | 1,623                   | 2,729,146                    |
| 1952.....          | 1,845                   | 2,674,359                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|   | 1956              |                        | 1955              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 654               | 1,955,130              | 650               | 1,982,057              |
| Coastal or inland commercial (including fishery)..... | 916               | 723,506                | 778               | 546,503                |
| Other.....  | 38                | 22,779                 | 26                | 19,812                 |
| Total.....  | 1,608             | 2,701,415              | 1,454             | 2,548,372              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 645               | 1,917,329              | 650               | 1,986,065              |
| Coastal or inland commercial (including fishery)..... | 914               | 722,547                | 780               | 547,752                |
| Other.....  | 36                | 20,785                 | 25                | 19,493                 |
| Total.....  | 1,595             | 2,660,661              | 1,455             | 2,553,310              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1956.....        | 935,276   | 1,614,493 | 2,549,769 |
| 1955.....        | 840,047   | 1,558,996 | 2,399,043 |
| 1954.....        | 781,334   | 939,571   | 1,720,905 |
| 1953.....        | 652,257   | 1,353,711 | 2,005,968 |
| 1952.....        | 571,382   | 1,629,027 | 2,200,409 |
| <i>Domestic—</i> |           |           |           |
| 1956.....        | 360,582   | 146,900   | 507,482   |
| 1955.....        | 313,146   | 114,339   | 427,485   |
| 1954.....        | 310,584   | 173,835   | 484,419   |
| 1953.....        | 347,677   | 121,213   | 468,890   |
| 1952.....        | 378,281   | 117,701   | 495,982   |
| <i>Total—</i>    |           |           |           |
| 1956.....        | 1,295,858 | 1,761,393 | 3,057,251 |
| 1955.....        | 1,153,193 | 1,673,335 | 2,826,528 |
| 1954.....        | 1,091,918 | 1,113,406 | 2,205,324 |
| 1953.....        | 999,934   | 1,474,924 | 2,474,858 |
| 1952.....        | 949,663   | 1,746,728 | 2,696,391 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain   | Petroleum<br>Oil,<br>fuel | Sugar,<br>raw | Gasoline | Paper,<br>newsprint | Oil<br>Cake<br>and<br>Oil-cake<br>Meal | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>and Timber | Flour,<br>wheat | Motor<br>Vehicles<br>and Parts | Fertilizers<br>and<br>Fertilizer<br>Materials | Iron or<br>Steel,<br>scrap |
|------------------|---------|---------------------------|---------------|----------|---------------------|--|---|-----------------|--------------------------------|---|----------------------------|
| <i>Foreign—</i>  |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| Inward—          |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 18      | 231,887                   | 229,340       | 70,550   | .....               | .....                                  | 1,718   | .....           | 45,970                         | 45,904  | 2                          |
| 1955.....        |         | 208,073                   | 207,635       | 87,754   | .....               | .....                                  | 101   | 4               | 33,389                         | 55,730  | 4                          |
| Outward—         |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 855,544 | 15                        | .....         | 4        | 103,000             | 99,293                                 | 81,499  | 86,743          | 13,699                         | 158   | 42,775                     |
| 1955.....        | 693,591 | .....                     | .....         | .....    | 108,903             | 57,351                                 | 121,457   | 115,032         | 16,213                         | 728   | 44,245                     |
| <i>Domestic—</i> |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| Inward—          |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 91      | 198,821                   | .....         | 109,456  | .....               | .....                                  | 6,272   | .....           | 90                             | 1,945   | 9                          |
| 1955.....        |         | 182,106                   | .....         | 89,152   | .....               | .....                                  | 8,877   | .....           | 37                             | 1,611   | .....                      |
| Outward—         |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 4,007   | 37,328                    | .....         | 25,717   | .....               | 910                                    | 727   | 1,625           | 598                            | 1,071   | .....                      |
| 1955.....        |         | 26,161                    | 2,794         | 24,791   | .....               | 772                                    | 970   | 1,029           | 466                            | 172   | .....                      |
| <i>Totals—</i>   |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| Inward—          |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 109     | 430,708                   | 229,340       | 180,006  | .....               | .....                                  | 7,990   | .....           | 46,060                         | 47,849  | 11                         |
| 1955.....        |         | 390,179                   | 207,635       | 176,906  | .....               | .....                                  | 8,978   | 4               | 33,426                         | 57,341  | 4                          |
| Outward—         |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 859,551 | 37,343                    | .....         | 25,721   | 103,000             | 100,293                                | 82,226  | 88,368          | 14,297                         | 1,229   | 42,775                     |
| 1955.....        | 693,591 | 26,161                    | 2,794         | 24,791   | 108,903             | 58,123                                 | 122,427   | 116,061         | 16,679                         | 900   | 44,245                     |
| Total—           |         |                           |               |          |                     |  |   |                 |                                |   |                            |
| 1956.....        | 859,660 | 468,051                   | 229,340       | 205,727  | 103,000             | 100,293                                | 90,216  | 88,368          | 60,357                         | 49,078  | 42,786                     |
| 1955.....        | 693,591 | 416,340                   | 210,429       | 201,697  | 108,903             | 58,123                                 | 131,405   | 116,065         | 50,105                         | 58,241  | 44,249                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Bauxite<br>Ore | Pulpwood | Potatoes | Wood-pulp | Glass<br>and<br>Glass<br>Manu-<br>factures | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate | Copper,<br>refined<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or<br>slabs | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Machinery<br>Parts<br>(except<br>agricultural) | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs | Rubber,<br>crude<br>(including<br>Latex) |
|------------------|----------------|----------|----------|-----------|--|--|--|--|--|---|--|
| <i>Foreign—</i>  |                |          |          |           |  |  |  |  |  |   |  |
| Inward—          |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 29,893         |          | 20       |           | 29,987                                     | 25,808   |  | 256  | 15,215   | 848   | 112                                      |
| 1955.....        |                |          |          |           | 22,548                                     | 7,602  |  | 248  | 9,921  | 90  | 2  |
| Outward          |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 7              | 34,621   | 34,529   | 32,559    | 19   | 3,108  | 26,895   | 29,376   | 4,268  | 17,831  | 13,362                                   |
| 1955.....        |                | 52,011   | 41,318   | 61,738    | 38   | 2,086  | 29,275   | 24,550   | 4,907  | 26,790  | 5,628                                    |
| <i>Domestic—</i> |                |          |          |           |  |  |  |  |  |   |  |
| Inward           |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 260            |          |          |           | 60   | 98   |  |  | 895  | 15  | 5,015                                    |
| 1955.....        |                |          |          |           | 72   | 49   |  |  | 93   |   |  |
| Outward          |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 8,820          |          | 28       | 118       | 904  | 235  |  | 52   | 80   |   | 22                                       |
| 1955.....        |                |          |          |           | 651  | 162  |  | 56   | 112  |   |  |
| <i>Totals—</i>   |                |          |          |           |  |  |  |  |  |   |  |
| Inward—          |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 30,153         |          | 20       |           | 30,047                                     | 25,906   |  | 256  | 16,110   | 863   | 5,127                                    |
| 1955.....        |                |          |          |           | 22,620                                     | 7,651  |  | 248  | 10,014   | 90  | 2  |
| Outward          |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 8,827          | 34,621   | 34,557   | 32,677    | 923  | 3,343  | 26,895   | 22,428   | 4,348  | 17,831  | 13,384                                   |
| 1955.....        |                | 52,011   | 41,318   | 61,738    | 659  | 2,248  | 29,275   | 24,006   | 5,019  | 26,790  | 5,628                                    |
| Total—           |                |          |          |           |  |  |  |  |  |   |  |
| 1956.....        | 38,980         | 34,621   | 34,577   | 32,677    | 30,970                                     | 29,249   | 26,895   | 22,684   | 20,458   | 18,694  | 18,511                                   |
| 1955.....        |                | 52,011   | 41,318   | 61,738    | 23,309                                     | 9,899  | 29,275   | 24,854   | 15,033   | 26,880  | 5,630                                    |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Cement,<br>common or<br>portland | Jute<br>and<br>Jute<br>Manu-<br>factures | Ferro-<br>alloys | Molasses | Chemicals<br>not<br>otherwise<br>specified | Foodstuffs,<br>canned<br>or<br>preserved<br>not<br>otherwise<br>specified | Tea    | Fruits<br>fresh,<br>not<br>otherwise<br>specified | Paper not<br>otherwise<br>specified | Beverages,<br>alcoholic | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved |
|------------------|----------------------------------|--|------------------|----------|--|---|--------|---|-------------------------------------|-------------------------|--|
| <i>Foreign—</i>  |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| Inward—          |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 17,318                           | 15,011                                   | 12               | 14,200   | 9,254                                      | 3,337   | 11,297 | 4,380   | 2,132                               | 7,143                   | 484  |
| 1955.....        | 616                              | 11,481                                   | .....            | 14,799   | 3,568                                      | 4,063   | 11,436 | 2,593   | 765                                 | 8,147                   | 460  |
| Outward—         |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 34                               | 1,369                                    | 16,413           | .....    | 3,606                                      | 1,969   | .....  | 6,177   | 5,008                               | 637                     | 4,886  |
| 1955.....        | 47                               | 1,732                                    | 4,995            | .....    | 1,448                                      | 430   | 1      | 664   | 4,646                               | 460                     | 4,245  |
| <i>Domestic—</i> |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| Inward—          |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | .....                            | 247                                      | .....            | .....    | 178  | 5,949   | 18     | 94  | 1,709                               | 434                     | 3,725  |
| 1955.....        | .....                            | .....                                    | .....            | .....    | 40   | 2,304   | 1      | 107   | 1,029                               | .....                   | 2,784  |
| Outward—         |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 36                               | .....                                    | .....            | 799      | 877  | 1,040   | 492    | 604   | 1,964                               | 1,678                   | 405  |
| 1955.....        | 95                               | .....                                    | .....            | 770      | 473  | 1,953   | 529    | 689   | 1,179                               | 946                     | 89   |
| <i>Totals—</i>   |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| Inward—          |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 17,318                           | 15,258                                   | 12               | 14,200   | 9,432                                      | 9,286   | 11,315 | 4,474   | 3,841                               | 7,577                   | 4,209  |
| 1955.....        | 616                              | 11,481                                   | .....            | 14,799   | 3,608                                      | 6,367   | 11,437 | 2,700   | 1,794                               | 8,147                   | 3,244  |
| Outward          |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 70                               | 1,369                                    | 16,413           | 799      | 4,483                                      | 3,009   | 492    | 6,781   | 6,972                               | 2,315                   | 5,291  |
| 1955.....        | 142                              | 1,732                                    | 4,995            | 770      | 1,921                                      | 2,383   | 530    | 1,335   | 5,825                               | 1,406                   | 4,334  |
| <i>Total—</i>    |                                  |  |                  |          |  |   |        |   |                                     |                         |  |
| 1956.....        | 17,388                           | 16,627                                   | 16,425           | 14,999   | 13,915                                     | 12,295  | 11,807 | 11,255  | 10,813                              | 9,892                   | 9,500  |
| 1955.....        | 758                              | 13,213                                   | 4,995            | 15,569   | 5,529                                      | 8,750   | 11,967 | 4,035   | 7,619                               | 9,553                   | 7,578  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and Ties (railway) | Sugar, refined | Pulpboard (except Wallboard) | Ores and Concentrates not otherwise specified | Woollen Manu- factures not otherwise specified | Loco- motives and parts | Sulphur | Tobacco and Tobacco Manu- factures | Iron or Steel Manu- factures not otherwise specified | All Goods not otherwise specified | Total     |
|------------------|---|----------------|------------------------------|---|--|-------------------------|---------|------------------------------------|--|-----------------------------------|-----------|
| <i>Foreign—</i>  |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| Inward—          |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | .....   | .....          | 177                          | 34  | 7,918  | 2,233                   | 8,278   | 232                                | 6,644  | 97,664                            | 935,276   |
| 1955.....        | .....   | 6              | 29                           | 29  | 4,471  | 1,601                   | 11,169  | 273                                | 5,981  | 109,950                           | 840,047   |
| Outward—         |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | 8,972   | 31             | 9,024                        | 8,944   | 132  | 6,104                   | .....   | 7,769                              | 784  | 60,329                            | 1,614,493 |
| 1955.....        | 12,900  | .....          | 5,956                        | 7,989   | 78   | 3,230                   | .....   | 16,588                             | 3,149  | 72,177                            | 1,558,996 |
| <i>Domestic—</i> |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| Inward—          |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | .....   | .....          | .....                        | .....   | 235  | .....                   | .....   | 4                                  | 22   | 24,796                            | 360,582   |
| 1955.....        | .....   | .....          | 12                           | .....   | 4  | .....                   | .....   | 6                                  | 21   | 26,065                            | 313,146   |
| Outward—         |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | 162   | 9,225          | .....                        | .....   | 268  | .....                   | .....   | 215                                | 692  | 46,201                            | 146,900   |
| 1955.....        | 1,075   | 7,269          | 57                           | .....   | 21   | .....                   | .....   | 85                                 | 300  | 44,109                            | 114,339   |
| <i>Totals—</i>   |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| Inward—          |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | .....   | 2              | 177                          | 34  | 8,153  | 2,233                   | 8,278   | 236                                | 6,666  | 122,460                           | 1,295,858 |
| 1955.....        | .....   | 6              | 41                           | 29  | 4,475  | 1,601                   | 11,169  | 279                                | 6,002  | 136,015                           | 1,153,193 |
| Outward—         |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | 9,134   | 9,256          | 9,024                        | 8,944   | 400  | 6,104                   | .....   | 7,984                              | 1,476  | 106,580                           | 1,761,393 |
| 1955.....        | 13,975  | 7,269          | 6,013                        | 7,989   | 99   | 3,230                   | .....   | 16,673                             | 3,449  | 116,286                           | 1,673,335 |
| Total—           |   |                |                              |   |  |                         |         |                                    |  |                                   |           |
| 1956.....        | 9,276   | 9,258          | 9,201                        | 8,978   | 8,553  | 8,337                   | 8,278   | 8,220                              | 8,142  | 228,990                           | 3,057,251 |
| 1955.....        | 13,975  | 7,275          | 6,054                        | 8,018   | 4,574  | 4,831                   | 11,169  | 16,952                             | 9,451  | 252,301                           | 2,826,528 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

| —                 | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1956.....         | 5,153  | 2,143    | 7,296   |
| 1955.....         | 2,567  | 1,532    | 4,099   |
| 1954.....         | 4,703  | 2,552    | 7,255   |
| 1953.....         | 6,738  | 3,261    | 9,999   |
| 1952.....         | 7,466  | 2,634    | 10,100  |
| <i>Coastwise—</i> |        |          |         |
| 1956.....         | 53,572 | 52,752   | 106,324 |
| 1955.....         | 50,594 | 49,599   | 100,193 |
| 1954.....         | 59,378 | 58,468   | 117,846 |
| 1953.....         | 57,995 | 56,589   | 114,584 |
| 1952.....         | 58,529 | 60,755   | 119,284 |
| <i>Total—</i>     |        |          |         |
| 1956.....         | 58,725 | 54,895   | 113,620 |
| 1955.....         | 53,161 | 51,131   | 104,296 |
| 1954.....         | 64,081 | 61,020   | 125,101 |
| 1953.....         | 64,733 | 59,850   | 124,583 |
| 1952.....         | 65,995 | 63,389   | 129,384 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1956, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1956.....         |            | 28,649,717 | 28,649,717 |
| 1955.....         |            | 23,467,605 | 23,467,605 |
| 1954.....         |            | 11,544,590 | 11,544,590 |
| 1953.....         |            | 22,396,708 | 22,396,708 |
| 1952.....         |            | 15,905,880 | 15,905,880 |
| <i>Via rail—</i>  |            |            |            |
| 1956.....         | 28,120,579 |            | 28,120,579 |
| 1955.....         | 23,300,679 | 18,856     | 23,319,535 |
| 1954.....         | 11,767,260 | 352,313    | 12,119,573 |
| 1953.....         | 22,615,248 | 31,112     | 22,646,360 |
| 1952.....         | 16,103,581 | 5,328      | 16,108,909 |
| <i>Via other—</i> |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| 1954.....         |            |            |            |
| 1953.....         |            | 762        | 762        |
| 1952.....         |            | 1,508      | 1,508      |
| <i>Total—</i>     |            |            |            |
| 1956.....         | 28,120,579 | 28,649,717 | 56,770,296 |
| 1955.....         | 23,300,679 | 23,486,461 | 46,787,140 |
| 1954.....         | 11,767,260 | 11,896,903 | 23,664,163 |
| 1953.....         | 22,615,248 | 22,428,582 | 45,043,830 |
| 1952.....         | 16,103,581 | 15,912,716 | 32,016,297 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$419,014. The main items were dredging 14 berths to a minimum depth of 30 feet; dredging three berths to minimum depths of 31 feet, 28 feet, and 22 feet at extreme low tide, and dredging the centres of slips, berths 7 and 8 and 6 and 9 to a minimum depth of 28 feet; removing and replacing 5-inch concrete slab from apron at berth 3 and portion of berth 2 in order to level and place new ties and 100-pound rails; renewing and reinforcing timber pile fenders at pier 4; repairing timber trestle at Long wharf; grading and paving of service roadway at East Saint John; painting interior of shed 1; renewing bottoms of steel dock-side doors sheds 1, 2 and 3; repairing and applying asphalt and gravel to roof of shed 3; removing portion of old roof and installing new roof at shed 9; painting grain galleries over sheds 5, 6 and 7; painting receiving galleries R & D; painting car dumper building; repairing and applying liquid roof coating over grain elevator roofs and repairing and applying liquid roof coating over grain galleries R & D and car dumper building.

## CAPITAL WORKS

Capital expenditures amounted to \$652,488, of which \$1,320 was provided from replacement fund. The work consisted of:—

*Construction of Extension to Transit Sheds 2 and 3.*—A contract was awarded to Argo Construction Limited in September, 1955, for the construction of a 320-foot extension to transit sheds 2 and 3 and grain galleries. This work consisted of extending two adjacent and parallel sheds; moving and re-erecting the connecting end shed, and extending the grain galleries. The shed extensions were constructed in 1956 but due to delay in delivery of structural steel the grain galleries will not be erected until 1957.

*Construction of Transit Sheds on Pugsley Wharf Extension.*—A contract was awarded in January, 1955, to The Standard Dredging Company Limited for the construction of a transit shed 550 feet by 120 feet on Pugsley wharf extension, and an extension, 110 feet by 150 feet, to the existing transit shed on Pugsley wharf. The sheds were in use in December, 1955, and about 10% of the work remaining to be done was completed in 1956.

*Minor Items.*—These consisted of installing 6 sets of 16-foot high sliding doors to replace the low doors on the track side of sheds 1, 2 and 3; installing permanent connections for grain trimmers at all grain shipping galleries; constructing a portable platform to facilitate trucking between sheds 13 and 14; and constructing a gear building in connecting sheds 2 and 3.

The construction of a mooring berth for the Customs and Excise Branch, Department of National Revenue, was carried out by the Board's forces for that Department.

## INCOME AND EXPENSE

Operating income amounted to \$965,767, as compared with \$875,819 in 1955, the increase being \$89,948. Operating and maintenance expenses totalled \$910,423, as against \$845,450 in the previous year, the increase being \$64,973. Net operating income in 1956 was \$55,344 as compared with \$30,369 in 1955.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$964,036 in 1956, as against a deficit of \$964,553 in 1955.



# Harbour of Saint John BALANCE SHEET AS AT DECEMBER 31, 1956

## ASSETS

|  |                   |                      |
|--|-------------------|----------------------|
| CURRENT—   |                   |                      |
| Cash.....  | 198,918           |                      |
| Accounts Receivable.....   | \$ 73,251         |                      |
| Less: Provision for Doubtful Accounts..  | 264               |                      |
| Accrued Income.....  | 72,987            |                      |
| Prepaid Expenses—  | 46,081            |                      |
| Stores on Hand.....  | 45,337            |                      |
| Other.....   | 220               |                      |
|  | <u>45,557</u>     | \$ 363,543           |
| RESERVE FUND ASSETS—   |                   |                      |
| (Cash \$32,461 Investment in bonds, at amortized cost \$4,933,104 with market value of \$4,555,210). |                   |                      |
| Replacement of Capital Assets.....   | 4,660,037         |                      |
| Fire and General Insurance.....  | 305,528           |                      |
|  | <u>4,965,565</u>  |                      |
| SPECIAL FUND ASSETS—   |                   |                      |
| (Cash \$63,775)  |                   |                      |
| Contractors' Security Deposits.....  | 63,775            |                      |
| PRELIMINARY CAPITAL EXPENSE—   |                   |                      |
| CAPITAL ASSETS—  |                   |                      |
| (At cost or estimated cost)  |                   |                      |
| Harbour Dredging.....  | 1,229,568         |                      |
| Real Estate.....   | 2,032,249         |                      |
| Vehicle Bridges.....   | 30,107            |                      |
| Roads, Fences and Boundaries.....  | 150,970           |                      |
| Wharves and Piers.....   | 21,076,534        |                      |
| Permanent Sheds.....   | 4,221,552         |                      |
| Railway System.....  | 192,661           |                      |
| Grain Elevator System.....   | 4,213,952         |                      |
| Office Furniture and Appliances.....   | 19,349            |                      |
| Harbour Buildings.....   | 102,293           |                      |
| Central Heating Plants.....  | 44,902            |                      |
| Water Supply System.....   | 14,316            |                      |
| Floating Equipment.....  | 208,443           |                      |
| Shore Equipment.....   | 153,938           |                      |
| Miscellaneous Small Plant.....   | 18,791            |                      |
| Works under Construction.....  | 567,699           |                      |
|  | <u>34,277,324</u> |                      |
|  |                   | <u>\$ 39,672,109</u> |

## LIABILITIES

|  |                   |                      |
|--|-------------------|----------------------|
| CURRENT—   |                   |                      |
| Accounts Payable and Accrued Liabilities-General.....  | \$ 58,880         |                      |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....   |                   | 45,091               |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   |                   | 63,775               |
| CONTRACTORS' HOLDBACKS.....  |                   | 76,035               |
| DEFERRED INCOME.....   |                   | <u>12,495</u>        |
|  |                   | <u>256,276</u>       |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—  |                   |                      |
| Assets transferred to the Board on its establishment and subsequently.....                   | \$ 6,961,410      |                      |
| Loans and Advances.....  | 26,994,761        |                      |
| Interest in arrears on Loans and Advances.....   | 9,086,321         |                      |
| Reserves:  |                   |                      |
| Replacement of Capital Assets.....   | \$ 8,184,985      |                      |
| Fire and General Insurance.....  | 305,528           |                      |
|  | <u>8,490,513</u>  |                      |
|  |                   | <u>51,533,005</u>    |
| Deduct: Deficit—   |                   |                      |
| Balance as at Jan. 1, 1956.....  | 11,151,725        |                      |
| Add: Prior Years' Adjustments (Net).....   | 1,411             |                      |
| Net Income Deficit for the year ended December 31, 1956, per statement of income and expense | 964,036           |                      |
|  | <u>12,117,172</u> |                      |
|  |                   | <u>39,415,833</u>    |
|  |                   | <u>\$ 39,672,109</u> |

## HARBOUR OF SAINT JOHN

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 22,431         |           |
| Property Rentals..... | 20,068            |           |
| Miscellaneous.....    | 1,513             |           |
|                       | <u>          </u> | \$ 44,012 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 500,119           |         |
| Dockage.....             | 162,476           |         |
| Wharf Space Rentals..... | 1,724             |         |
|                          | <u>          </u> | 664,319 |

## Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 72,393 |
|--------------|--|--------|

## Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 30,739            |        |
| Storage.....      | 42,130            |        |
|                   | <u>          </u> | 72,869 |

|                     |  |     |
|---------------------|--|-----|
| Railway System..... |  | 150 |
|---------------------|--|-----|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 112,024           |            |
|                             | <u>          </u> | \$ 965,767 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |                   |         |
|---|-------------------|---------|
| Harbour (including \$240,430 for Dredging)..... | 404,296           |         |
| Wharves and Piers.....                          | 96,892            |         |
| Grain Elevator System.....                      | 31,640            |         |
| Permanent Sheds.....                            | 169,686           |         |
| Miscellaneous.....                              | 108,744           |         |
|   | <u>          </u> | 811,258 |

## Administrative—

|   |                   |        |
|---|-------------------|--------|
| Salaries.....   | 51,595            |        |
| Contributions to Public Service Superannuation Account... | 19,722            |        |
| Office Expenses.....                                      | 3,815             |        |
| Other.....  | 24,033            |        |
|   | <u>          </u> | 99,165 |

910,423

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 55,344 |
|---------------------------|--|--------|

## ADD OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$9,199 applicable to Reserve Funds)..... | 145,252           |         |
| Miscellaneous.....  | 2,376             |         |
|   | <u>          </u> | 147,628 |
|   |                   | 202,972 |

## DEDUCT SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 774,520           |           |
| Provision for Replacement of Capital Assets.....  | 391,254           |           |
| Provision for Doubtful Accounts.....              | 1,130             |           |
| Other.....  | 104               |           |
|   | <u>          </u> | 1,167,008 |

|                         |    |         |
|-------------------------|----|---------|
| NET INCOME DEFICIT..... | \$ | 964,036 |
|-------------------------|----|---------|

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing five berths for ships of 26-foot draft and one berth for coastal vessels, a concrete transit shed 400 feet by 60 feet, a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 195                     | 153,992                      |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |
| 1952.....          | 194                     | 153,977                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

| —   | 1956                    |                              | 1955                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 24                      | 37,626                       | 36                      | 59,689                       |
| Coastal or inland commercial (including fishery)..... | 214                     | 180,846                      | 159                     | 133,541                      |
| Other.....  | 8                       | 841                          | 4                       | 717                          |
| Total.....  | 246                     | 219,313                      | 199                     | 193,947                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 24                      | 37,626                       | 36                      | 59,689                       |
| Coastal or inland commercial (including fishery)..... | 214                     | 180,846                      | 159                     | 133,541                      |
| Other.....  | 8                       | 841                          | 4                       | 717                          |
| Total.....  | 246                     | 219,313                      | 199                     | 193,947                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1956.....        | 96,385  | 1,960   | 98,345  |
| 1955.....        | 35,305  | 940     | 36,245  |
| 1954.....        | 48,592  | 719     | 49,311  |
| 1953.....        | 32,761  | 3,625   | 36,386  |
| 1952.....        | 27,070  | .....   | 27,070  |
| <i>Domestic—</i> |         |         |         |
| 1956.....        | 277,999 | 8,435   | 286,434 |
| 1955.....        | 305,381 | 3,797   | 309,178 |
| 1954.....        | 277,196 | 3,520   | 280,716 |
| 1953.....        | 238,763 | 6,012   | 244,775 |
| 1952.....        | 250,280 | 3,350   | 253,630 |
| <i>Total—</i>    |         |         |         |
| 1956.....        | 374,384 | 10,395  | 384,779 |
| 1955.....        | 340,686 | 4,737   | 345,423 |
| 1954.....        | 325,788 | 4,239   | 330,027 |
| 1953.....        | 271,524 | 9,637   | 281,161 |
| 1952.....        | 277,350 | 3,350   | 280,700 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft)*

|                  | Petroleum<br>Oil,<br>fuel | Gasoline | Coal,<br>bituminous | Sulphur | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Coal,<br>anthracite | Concrete<br>Blocks | Potatoes | Wallboard | All<br>Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|---------------------------|----------|---------------------|---------|--|---------------------|--------------------|----------|-----------|---|---------|
| <i>Foreign—</i>  |                           |          |                     |         |  |                     |                    |          |           |   |         |
| Inward—          |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        | 9,364                     |          | 65,652              | 16,731  |  | 4,638               |                    |          |           |   | 96,385  |
| 1955.....        |                           |          | 20,874              | 8,899   |  | 5,532               |                    |          |           |   | 35,305  |
| Outward—         |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        |                           |          |                     |         | 1,960  |                     |                    |          |           |   | 1,960   |
| 1955.....        |                           |          |                     |         | 940  |                     |                    |          |           |   | 940     |
| <i>Domestic—</i> |                           |          |                     |         |  |                     |                    |          |           |   |         |
| Inward—          |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        | 127,058                   | 117,603  | 23,364              |         |  |                     |                    | 789      | 754       | 8,431   | 277,999 |
| 1955.....        | 78,988                    | 103,630  | 111,299             |         | 12   |                     |                    | 662      | 1,458     | 9,332   | 305,381 |
| Outward—         |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        |                           |          |                     |         | 4,644  |                     | 1,590              |          |           | 2,201   | 8,435   |
| 1955.....        |                           |          |                     |         | 2,736  |                     |                    |          |           | 1,001   | 3,737   |
| <i>Totals—</i>   |                           |          |                     |         |  |                     |                    |          |           |   |         |
| Inward—          |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        | 136,422                   | 117,603  | 89,016              | 16,731  |  | 4,638               |                    | 789      | 754       | 8,431   | 374,384 |
| 1955.....        | 78,988                    | 103,630  | 132,173             | 8,899   | 12   | 5,532               |                    | 662      | 1,458     | 9,332   | 340,686 |
| Outward—         |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        |                           |          |                     |         | 6,604  |                     | 1,590              |          |           | 2,201   | 10,395  |
| 1955.....        |                           |          |                     |         | 3,736  |                     |                    |          |           | 1,001   | 4,737   |
| <i>Total—</i>    |                           |          |                     |         |  |                     |                    |          |           |   |         |
| 1956.....        | 136,422                   | 117,603  | 89,016              | 16,731  | 6,604  | 4,638               | 1,590              | 789      | 754       | 10,632  | 384,779 |
| 1955.....        | 78,988                    | 103,630  | 132,173             | 8,899   | 3,748  | 5,532               |                    | 662      | 1,458     | 10,333  | 345,423 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

| —                 | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1956.....         |        |          |       |
| 1955.....         |        |          |       |
| 1954.....         |        |          |       |
| 1953.....         |        |          |       |
| 1952.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |
| 1952.....         | 3,790  | 3,790    | 7,580 |
| <i>Total—</i>     |        |          |       |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |
| 1952.....         | 3,790  | 3,790    | 7,580 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$6,401. The work consisted of general maintenance of wharves, piers, sheds, roads and water system.

## CAPITAL WORKS

An amount of \$10,000 was expended on capital account for engineering surveys.

## INCOME AND EXPENSE

Operating income amounted to \$110,108, as compared with \$105,651 in 1955. Expenses of operation and maintenance were \$27,944, the corresponding figure in 1955, being \$33,150. Net operating income was \$82,164, as compared with \$72,501 in 1955.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$38,460, as compared with a deficit of \$53,169 in 1955.

## Harbour of Chicoutimi

## BALANCE SHEET AS AT DECEMBER 31, 1956

| ASSETS  |                  | LIABILITIES  |                  |
|---|------------------|--|------------------|
| CURRENT—  |                  | CURRENT—   |                  |
| Cash.....   | \$ 56,354        | Accounts Payable and Accrued Liabilities—General.....                      | \$ 1,367         |
| Accounts Receivable.....  | 8,577            | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 10,000           |
| Prepaid Expenses.....   |                  | DEFERRED INCOME.....   | 3,069            |
| Stores on Hand.....   | 387              |  | 14,436           |
|   | <u>\$ 65,318</u> |  |                  |
| RESERVE FUND ASSETS—  |                  |  |                  |
| (Cash \$3,105; Investment in bonds, at amortized cost \$665,946 with market value of \$618,694) |                  |  |                  |
| Replacement of Capital Assets.....  | 648,158          | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |                  |
| Fire and General Insurance.....   | 20,893           | Assets transferred to the Board on its establishment and subsequently..... | \$ 459,398       |
|   | <u>669,051</u>   | Loans and Advances.....  | 3,812,161        |
|   |                  | Interest in Arrears on Loans and Advances.....                             | 2,420,967        |
| CAPITAL ASSETS—   |                  | Reserves:  |                  |
| (At cost or estimated cost)   |                  | Replacement of Capital Assets.....   | \$ 864,547       |
| Harbour Dredging.....   | 445,828          | Fire and General Insurance.....  | 20,893           |
| Real Estate.....  | 35,626           |  | 885,440          |
| Roads, Fences and Boundaries.....   | 115,906          |  | <u>7,577,966</u> |
| Sewers and Drains.....  | 165,653          |  |                  |
| Wharves and Piers.....  | 2,924,622        | Deduct: Deficit—   |                  |
| Permanent Sheds.....  | 124,083          | Balance as at Jan. 1, 1956.....  | 2,926,538        |
| Railway System.....   | 38,599           | Add: Net Income Deficit for the  |                  |
| Office Furniture and Appliances.....  | 4,792            | year ended Dec. 31, 1956 per   |                  |
| Electric Power System.....  | 4,561            | statement of Income and  |                  |
| Water Supply System.....  | 16,768           | Expense.....   | 33,460           |
| Floating Equipment.....   | 3,266            |  | <u>2,964,998</u> |
| Shore Equipment.....  | 988              |  | 4,612,968        |
| Miscellaneous Small Plant.....  | 2,343            |  |                  |
| Engineering—General Surveys.....  | 10,000           |  |                  |
|   | <u>3,893,035</u> |  |                  |
|   | \$ 4,627,404     |  | \$ 4,627,404     |

## HARBOUR OF CHICOUTIMI

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 1,274          |          |
| Property Rentals..... | 240               |          |
|                       | <u>          </u> | \$ 1,514 |

## Wharves and Piers—

|                          |                   |        |
|--------------------------|-------------------|--------|
| Top Wharfage.....        | 44,076            |        |
| Dockage.....             | 4,574             |        |
| Wharf Space Rentals..... | 51,316            |        |
| Miscellaneous.....       | 10                |        |
|                          | <u>          </u> | 99,976 |

## Permanent Sheds—

|                   |                   |       |
|-------------------|-------------------|-------|
| Shed Rentals..... | 2,650             |       |
| Storage.....      | 4,789             |       |
|                   | <u>          </u> | 7,439 |

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 1,179             |            |
|                             | <u>          </u> | \$ 110,108 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 5,302             |        |
| Wharves and Piers.....      | 7,194             |        |
| Permanent Sheds.....        | 1,152             |        |
| Miscellaneous Services..... | 990               |        |
|                             | <u>          </u> | 14,638 |

## Administrative—

|  |                   |        |
|--|-------------------|--------|
| Salaries.....  | 8,280             |        |
| Contributions to Public Service Superannuation Account.... | 1,050             |        |
| Office Expenses.....                                       | 1,527             |        |
| Other.....   | 2,449             |        |
|  | <u>          </u> | 13,306 |

27,944

|                           |        |
|---------------------------|--------|
| NET OPERATING INCOME..... | 82,164 |
|---------------------------|--------|

## ADD OTHER INCOME—

|   |                   |
|---|-------------------|
| Income from Investments (less \$684 applicable to Reserve Funds)..... | 19,835            |
|   | <u>          </u> |
|   | 101,999           |

## DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 104,834           |         |
| Provision for Replacement of Capital Assets.....  | 35,623            |         |
| Other.....  | 2                 |         |
|   | <u>          </u> | 140,459 |

|                         |           |
|-------------------------|-----------|
| NET INCOME DEFICIT..... | \$ 88,460 |
|-------------------------|-----------|



## HARBOUR OF QUEBEC

The harbour of Quebec is situated at the confluence of the St. Lawrence and St. Charles Rivers about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year. The facilities operated by the National Harbours Board include 19,600 linear feet of berthing providing 26 deepsea berths and 14 berths for coastal shipping. There are nine transit sheds with a total floor area of about 691,000 square feet; 23 miles of standard gauge terminal railway, connected with both Canadian railways; a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries, with a loading capacity of 90,000 bushels per hour; 3 marine towers for unloading boats; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75 tons capacity and 3 locomotive cranes with capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 4,751                   | 6,588,040                    |
| 1955.....          | 4,467                   | 6,123,183                    |
| 1954.....          | 4,744                   | 5,859,540                    |
| 1953.....          | 4,724                   | 5,516,037                    |
| 1952.....          | 4,597                   | 5,263,305                    |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 4,741                   | 6,578,618                    |
| 1955.....          | 4,464                   | 6,119,396                    |
| 1954.....          | 4,751                   | 5,879,631                    |
| 1953.....          | 4,736                   | 5,533,193                    |
| 1952.....          | 4,597                   | 5,270,540                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|   | 1956              |                        | 1955              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 947               | 4,164,592              | 869               | 3,825,425              |
| Coastal or inland commercial (including fishery)..... | 3,771             | 2,414,167              | 3,579             | 2,284,118              |
| Other.....  | 33                | 9,281                  | 19                | 13,640                 |
| Total.....  | 4,751             | 6,588,040              | 4,467             | 6,123,183              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 947               | 4,164,592              | 869               | 3,825,425              |
| Coastal or inland commercial (including fishery)..... | 3,767             | 2,405,448              | 3,576             | 2,279,981              |
| Other.....  | 27                | 8,578                  | 19                | 13,990                 |
| Total.....  | 4,741             | 6,578,618              | 4,464             | 6,119,396              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1956.....        | 221,161   | 1,040,696 | 1,261,857 |
| 1955.....        | 238,918   | 734,292   | 973,210   |
| 1954.....        | 137,209   | 634,480   | 771,689   |
| 1953.....        | 73,004    | 953,080   | 1,026,084 |
| 1952.....        | 65,772    | 1,041,579 | 1,107,351 |
| <i>Domestic—</i> |           |           |           |
| 1956.....        | 2,766,170 | 253,219   | 3,019,389 |
| 1955.....        | 2,280,036 | 143,677   | 2,423,713 |
| 1954.....        | 2,262,669 | 100,841   | 2,363,510 |
| 1953.....        | 2,126,100 | 104,364   | 2,230,464 |
| 1952.....        | 1,821,333 | 91,488    | 1,912,821 |
| <i>Total—</i>    |           |           |           |
| 1956.....        | 2,987,331 | 1,293,915 | 4,281,246 |
| 1955.....        | 2,518,954 | 877,969   | 3,396,923 |
| 1954.....        | 2,399,878 | 735,321   | 3,135,199 |
| 1953.....        | 2,199,104 | 1,057,444 | 3,256,548 |
| 1952.....        | 1,887,105 | 1,133,067 | 3,020,172 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil,<br>fuel | Grain   | Pulpwood | Gasoline | Coal,<br>bituminous | Cement,<br>common<br>or portland | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Paper,<br>newsprint | Cement<br>clinker | Sulphur |
|------------------|---------------------------|---------|----------|----------|---------------------|----------------------------------|---|--|---------------------|-------------------|---------|
| <i>Foreign—</i>  |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| Inward—          |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 87,167                    |         |          | 4,690    |                     | 180                              |   |  |                     | 66,247            |         |
| 1955.....        | 174,792                   |         |          |          |                     | 367                              |   |  |                     |                   |         |
| Outward—         |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        |                           | 516,971 |          |          |                     |                                  | 166,415   | 160,423  | 95,023              |                   |         |
| 1955.....        |                           | 287,903 |          |          |                     |                                  | 100,188   | 166,661  | 87,302              |                   |         |
| <i>Domestic—</i> |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| Inward—          |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 852,593                   | 321,535 | 773,353  | 366,874  | 241,067             | 113,801                          |   |  | 4,030               |                   | 31,270  |
| 1955.....        | 569,647                   | 313,633 | 684,416  | 248,794  | 283,372             | 98,067                           | 1,703   |  | 773                 |                   | 29,302  |
| Outward—         |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 33,846                    | 4,338   |          | 11,028   | 192                 | 109,839                          |   | 1,096  | 43,711              |                   |         |
| 1955.....        | 17,939                    | 6,853   |          | 5,018    | 490                 | 35,404                           | 1,703   | 202  | 43,081              |                   |         |
| <i>Totals—</i>   |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| Inward—          |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 939,760                   | 321,535 | 773,353  | 371,564  | 241,067             | 113,981                          |   |  | 4,030               | 66,247            | 31,270  |
| 1955.....        | 744,439                   | 313,633 | 684,416  | 248,794  | 283,372             | 98,434                           | 1,703   |  | 773                 |                   | 29,302  |
| Outward—         |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 33,846                    | 521,309 |          | 11,028   | 192                 | 109,839                          | 166,415   | 161,519  | 138,734             |                   |         |
| 1955.....        | 17,939                    | 294,756 |          | 5,018    | 490                 | 35,404                           | 101,891   | 166,863  | 130,383             |                   |         |
| <i>Total—</i>    |                           |         |          |          |                     |                                  |   |  |                     |                   |         |
| 1956.....        | 973,606                   | 842,844 | 773,353  | 382,592  | 241,259             | 223,820                          | 166,415   | 161,519  | 142,764             | 66,247            | 31,270  |
| 1955.....        | 762,378                   | 608,389 | 684,416  | 253,812  | 283,862             | 133,838                          | 103,594   | 166,863  | 131,156             |                   | 29,302  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Metal,<br>scrap | Pulpwood<br>(except<br>Wallboard) | Iron or<br>Steel,<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Skeels,<br>Skelp,<br>Strip and<br>Tin Plate | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring<br>and Square<br>Timber | Gypsum,<br>crude | Groceries<br>not<br>otherwise<br>specified | Coal,<br>anthracite | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Wood-pulp | Rock and<br>Stone | Flour,<br>Wheat |
|------------------|-----------------|-----------------------------------|---|---|------------------|--|---------------------|--|-----------|-------------------|-----------------|
| <i>Foreign—</i>  |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| Inward—          |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        |                 | 94                                | 17,008  |   |                  | 798  | 13,703              | 1,046  |           |                   |                 |
| 1955.....        |                 | 35                                | 5,725   | 123   |                  | 1,108                                      | 28,304              | 1,343  |           |                   |                 |
| Outward—         |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        | 28,724          | 22,542                            | 600   | 15,782  |                  | 720  |                     | 8,075  | 11,782    |                   | 4,950           |
| 1955.....        | 27,903          | 598                               | 156   | 14,876  |                  | 108  |                     | 61   | 19,205    |                   | 5,191           |
| <i>Domestic—</i> |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| Inward—          |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        |                 |                                   | 1,665   | 3,245   | 17,535           | 7,906                                      |                     | 2,866  |           | 8,030             | 559             |
| 1955.....        | 464             | 38                                | 356   | 5,360   | 12,902           | 7,742                                      |                     | 2,216  | 121       |                   | 516             |
| Outward—         |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        |                 |                                   | 3,271   | 719   |                  | 7,812                                      |                     | 481  |           | 3,110             | 2,136           |
| 1955.....        |                 |                                   | 1,068   | 782   |                  | 6,691                                      |                     | 309  |           | 779               | 2,327           |
| <i>Totals—</i>   |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| Inward—          |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        |                 | 94                                | 18,673  | 3,245   | 17,535           | 8,704                                      | 13,703              | 3,912  |           | 8,030             | 559             |
| 1955.....        | 464             | 73                                | 6,081   | 5,453   | 12,902           | 8,850                                      | 28,304              | 3,559  | 121       |                   | 516             |
| Outward—         |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        | 28,724          | 22,542                            | 3,871   | 16,501  |                  | 8,532                                      |                     | 8,556  | 11,782    | 3,110             | 7,086           |
| 1955.....        | 27,903          | 598                               | 1,224   | 15,658  |                  | 6,799                                      |                     | 370  | 19,205    | 779               | 7,518           |
| Total—           |                 |                                   |   |   |                  |  |                     |  |           |                   |                 |
| 1956.....        | 28,724          | 22,636                            | 22,544  | 19,746  | 17,535           | 17,236                                     | 13,703              | 12,468   | 11,782    | 11,140            | 7,645           |
| 1955.....        | 28,367          | 671                               | 7,305   | 21,141  | 12,902           | 15,649                                     | 28,304              | 3,929  | 19,326    | 7,779             | 8,034           |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Phosphate<br>Rock | Beverages,<br>alcoholic | Explosives,<br>including<br>Fuses and<br>Blasting<br>Caps | Glass and<br>Glass<br>Manufactures | Brick | Food-stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|---|-------------------|-------------------------|---|------------------------------------|-------|--|--|-----------|
| <i>Foreign—</i>  |   |                   |                         |   |                                    |       |  |  |           |
| Inward—          |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 6,581   | .....             | 4,449                   | 991   | 3,285                              | 2,048 | .....  | 12,874                                     | 221,161   |
| 1955.....        | 9,282   | .....             | 2,465                   | 811   | 3,180                              | 2,451 | 165  | 8,767                                      | 238,918   |
| Outward—         |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 31  | .....             | .....                   | 3,264   | .....                              | ..... | 1,277  | 4,117                                      | 1,040,696 |
| 1955.....        | 221   | .....             | 147                     | 9,915   | .....                              | ..... | 275  | 13,582                                     | 734,292   |
| <i>Domestic—</i> |   |                   |                         |   |                                    |       |  |  |           |
| Inward—          |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 40  | 5,560             | 712                     | .....   | .....                              | ..... | 567  | 12,962                                     | 2,766,170 |
| 1955.....        | .....   | .....             | 811                     | .....   | .....                              | ..... | 1,076  | 18,727                                     | 2,280,036 |
| Outward—         |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 978   | .....             | 102                     | 62  | 103                                | 1,312 | 541  | 28,542                                     | 253,219   |
| 1955.....        | 1,363   | .....             | 234                     | 250   | 174                                | 1,217 | 732  | 17,061                                     | 143,577   |
| <i>Totals—</i>   |   |                   |                         |   |                                    |       |  |  |           |
| Inward—          |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 6,621   | 5,560             | 5,161                   | 991   | 3,285                              | 2,048 | 567  | 25,836                                     | 2,987,331 |
| 1955.....        | 9,282   | .....             | 3,276                   | 811   | 3,180                              | 2,451 | 1,241  | 27,494                                     | 2,518,954 |
| Outward—         |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 1,009   | .....             | 102                     | 3,326   | 103                                | 1,312 | 1,818  | 32,659                                     | 1,283,915 |
| 1955.....        | 1,584   | .....             | 381                     | 10,165  | 174                                | 1,217 | 1,007  | 30,643                                     | 877,969   |
| Total—           |   |                   |                         |   |                                    |       |  |  |           |
| 1956.....        | 7,630   | 5,560             | 5,263                   | 4,317   | 3,388                              | 3,360 | 2,385  | 58,495                                     | 4,281,246 |
| 1955.....        | 10,866  | .....             | 3,657                   | 10,976  | 3,354                              | 3,668 | 2,248  | 58,137                                     | 3,390,923 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1956.....         | 43,607 | 19,703   | 63,310  |
| 1955.....         | 54,021 | 41,909   | 95,930  |
| 1954.....         | 67,004 | 33,467   | 100,471 |
| 1953.....         | 77,257 | 33,354   | 110,611 |
| 1952.....         | 46,349 | 23,334   | 69,683  |
| <i>Coastwise—</i> |        |          |         |
| 1956.....         | 13,852 | 14,387   | 28,239  |
| 1955.....         | 18,946 | 19,335   | 38,281  |
| 1954.....         | 11,935 | 14,233   | 26,168  |
| 1953.....         | 11,228 | 10,131   | 21,359  |
| 1952.....         | 15,165 | 14,540   | 29,705  |
| <i>Total—</i>     |        |          |         |
| 1956.....         | 57,459 | 34,090   | 91,549  |
| 1955.....         | 72,967 | 61,244   | 134,211 |
| 1954.....         | 78,939 | 47,700   | 126,639 |
| 1953.....         | 88,485 | 43,485   | 131,970 |
| 1952.....         | 61,514 | 37,874   | 99,388  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1956, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1956.....         | 13,392,558 | 17,231,821 | 30,624,379 |
| 1955.....         | 12,726,672 | 9,399,812  | 22,126,484 |
| 1954.....         | 11,102,895 | 8,611,944  | 19,714,839 |
| 1953.....         | 7,557,035  | 22,992,048 | 30,549,083 |
| 1952.....         | 3,601,138  | 24,983,990 | 28,585,128 |
| <i>Via rail—</i>  |            |            |            |
| 1956.....         | 13,399,400 | 8,245,860  | 21,645,260 |
| 1955.....         | 5,956,805  | 7,801,462  | 13,758,267 |
| 1954.....         | 6,197,002  | 6,931,627  | 13,128,629 |
| 1953.....         | 23,055,301 | 4,067,367  | 27,122,668 |
| 1952.....         | 25,231,595 | 2,371,178  | 27,602,773 |
| <i>Via other—</i> |            |            |            |
| 1956.....         | 5,851      | 1,442,846  | 1,448,697  |
| 1955.....         | 55,352     | 1,729,726  | 1,785,078  |
| 1954.....         | 170        | 1,605,251  | 1,605,421  |
| 1953.....         | .....      | 1,213,610  | 1,213,610  |
| 1952.....         | 92,707     | 931,197    | 1,023,904  |
| <i>Total—</i>     |            |            |            |
| 1956.....         | 26,797,809 | 26,920,527 | 53,718,336 |
| 1955.....         | 18,738,829 | 18,931,000 | 37,669,829 |
| 1954.....         | 17,300,067 | 17,148,822 | 34,448,889 |
| 1953.....         | 30,612,336 | 28,273,025 | 58,885,361 |
| 1952.....         | 28,925,440 | 28,286,365 | 57,211,805 |

## TERMINAL RAILWAY

Statements showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1956, with comparison for 1955.

|  | 1956   | 1955   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 22,825 | 15,616 |
| Non-revenue cars.....  | 10,971 | 13,981 |
| Total.....   | 33,796 | 29,597 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 13,115 | 14,335 |
| Non-revenue cars.....  | 20,419 | 14,724 |
| Total.....   | 33,534 | 29,059 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 118    | 118    |
| Non-revenue cars.....  | 118    | 118    |
| Total.....   | 236    | 236    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 36,058 | 30,069 |
| Non-revenue cars.....  | 31,508 | 28,823 |
| Total.....   | 67,566 | 58,892 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$854,726. The main items were replacement of 3,144 feet of grain elevator belting; renewing two electrical power distribution panelboards at the grain elevator, and paving the wharf area between shed 14 and entrance to Inner basin. In September, a contract was awarded to Marine Industries Limited to dredge the St. Charles River estuary to a depth of 36 feet below lowest tide. Commencement of the work was deferred to the spring of 1957.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,227,523 of which \$1,135 was provided from replacement fund. The principal items were:—

*Construction of Oil Berth at Wolfe's Cove Terminals.*—A contract was awarded to McNamara Construction Company Limited in October, 1955, for the construction of an oil wharf 590 feet in length, of steel sheet piling cellular bulkhead construction with the cells filled with gravel. A rock dyke 1,350 feet in length was completed in September. Approximately 90% of the work was completed during 1956.



A contract was awarded to Marine Industries Limited in September, 1956, to fill, with material dredged from the river, the space behind the quay wall and rock dyke thereby reclaiming a ground area of a million square feet. Due to the oil wharf not being completed in 1956, this work will not be started until 1957.

*Reconstruction of Berth No. 8, Pointe-a-Carcy.*—In June, 1956, a contract was awarded to Royalmount Construction Limited for the reconstruction of berth no. 8. The quay wall, 423 feet in length, will be constructed of steel sheet piles. Due to difficulty in obtaining delivery of steel sheet piling, only preliminary work was done on this contract during the year.

*Waiting Room Facilities and Offices at West End of Shed A.*—Beaudet & Fils Enr. were awarded a contract in March, 1956, for the construction of sanitary facilities and offices, west end of shed A, Wolfe's Cove terminals in order to improve facilities for trans-Atlantic passengers. These facilities were completed and opened to the public in August.

*Improvements to Electric Power System at Wolfe's Cove.*—To modernize the electrical power distribution system at Wolfe's Cove and make it adequate to meet present and future requirements, a 5-KV metal-clad switchboard has been received for installation by harbour forces. All work is completed with the exception of connecting up the switchboard and the laying of approximately 4,000 feet of underground cable.

A contract for a service house to shelter the switchboard and electrical equipment, as well as facilities for maintenance crews, etc., was awarded early in November, 1956, to Emile Frenette Limitee. This work is completed except for the exterior painting and cleaning of the brickwork.

*Minor Items.*—Minor capital works included the reconditioning and paving of wharf apron in front of shed A; installation of a telephone inter-communication system in the main warehouse, fish-house and power-house of the cold storage warehouse. A passenger automobile was purchased.

## INCOME AND EXPENSE

Operating income amounted to \$2,078,286, as compared with \$1,908,450 in 1955, the increase being \$169,836. Increased earnings were shown by wharves, grain elevator, cold storage warehouse and terminal railway. Operating and maintenance expenses were \$1,955,500, as compared with \$1,368,339 in 1955, the increase being \$587,161, of which \$500,000 relates to a reserve set up for accrued maintenance dredging in the St. Charles River estuary. Net operating income was \$122,786 in 1956, as compared with \$540,111 in 1955.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed an income deficit of \$1,038,723, as compared with a deficit of \$621,872 in 1955.



# Harbour of Quebec BALANCE SHEET AS AT DECEMBER 31, 1956

| ASSETS  |                  | LIABILITIES  |                  |
|---|------------------|--|------------------|
| CURRENT—  |                  | CURRENT—   |                  |
| Cash.....   | \$ 379,154       | Accounts Payable and Accrued Liabilities—General                           | \$ 155,078       |
| Accounts Receivable.....  | 226,535          |  |                  |
| Less: Provision for Doubtful Accounts..   | 1,659            | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 226,094          |
| Accrued Income.....   | 224,876          |  |                  |
|   | 538              | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 214,036          |
| Prepaid Expenses—   |                  | CONTRACTORS' HOLDBACKS.....  | 108,353          |
| Stores on Hand.....   | 83,932           |  |                  |
| Other.....  | 791              | DEFERRED INCOME.....   | 19,859           |
| Miscellaneous.....  | 84,723           |  | 723,420          |
|   | <u>1,068</u>     |  |                  |
|   | 690,359          |  |                  |
|   | \$               |  |                  |
| RESERVE FUND ASSETS—  |                  |  |                  |
| (Cash \$519,386 investment in bonds, at amortized cost \$1,549,470 with market value of \$1,428,965). |                  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |                  |
| Replacement of Capital Assets.....  | 1,417,050        | Assets transferred to the Board on its establishment and subsequently..... | \$ 2,663,019     |
| Fire and General Insurance.....   | 151,807          | Loans and Advances.....  | 31,603,659       |
| Special Maintenance.....  | 500,000          | Interest in Arrears on Loans and Advances.....                             | 17,784,355       |
|   | <u>2,068,857</u> |  |                  |
| SPECIAL FUND ASSETS—  |                  | Reserves:  |                  |
| (Cash \$95,536, bonds \$56,000 and certified cheque \$62,500)   |                  | Replacement of Capital Assets.....   | \$ 9,018,753     |
| Contractors' Security Deposits.....   | 214,036          | Fire and General Insurance.....  | 151,807          |
|   |                  | Special Maintenance.....   | 500,000          |
| PRELIMINARY CAPITAL EXPENSE.....  | 3,376            |  | <u>9,670,560</u> |
|   |                  |  | 61,721,593       |
| DEBIT BALANCES IN SUSPENSE.....   | 1,655            |  |                  |
| CAPITAL ASSETS—   |                  |  |                  |
| (At cost or estimated cost)   |                  |  |                  |
| Harbour Dredging.....   | 3,603,197        |  |                  |
| Real Estate.....  | 289,283          |  |                  |
| Vehicular Bridges.....  | 171,869          |  |                  |

|   |                   |                             |
|---|-------------------|-----------------------------|
| Roads, Fences and Boundaries.....   | 256,054           |                             |
| Sewers and Drains.....  | 290,810           |                             |
| Miscellaneous Structures.....   | 123,925           |                             |
| Wharves and Piers.....  | 13,526,487        |                             |
| Permanent Sheds.....  | 3,786,832         |                             |
| Shed Hoists and Electric Cranes.....  | 12,000            |                             |
| Railway System.....   | 982,936           |                             |
| Grain Elevator System.....  | 4,256,023         |                             |
| Cold Storage System.....  | 778,209           |                             |
| Office Furniture and Appliances.....  | 18,635            |                             |
| Harbour Buildings.....  | 198,573           |                             |
| Central Heating Plants.....   | 9,515             |                             |
| Harbour Shops.....  | 29,296            |                             |
| Electric Power System.....  | 123,037           |                             |
| Water Supply System.....  | 37,956            |                             |
| Floating Equipment.....   | 116,354           |                             |
| Shore Equipment.....  | 67,301            |                             |
| Miscellaneous Small Plant.....  | 33,233            |                             |
| Works under Construction.....   | 1,180,472         |                             |
|   | <u>29,891,997</u> |                             |
|   |                   | <u>\$ 32,870,280</u>        |
|   |                   | <u><u>\$ 32,870,280</u></u> |
| Deduct: Deficit—  |                   |                             |
| Balance as at Jan. 1, 1956.....   | 28,553,481        |                             |
| Less: Prior years' adjustments.....   | 17,471            |                             |
|   | <u>28,536,010</u> |                             |
| Add: Net Income Deficit for the year ended December 31, 1956 per statement of Income and Expense. | 1,038,723         |                             |
|   | <u>29,574,733</u> |                             |
|   |                   | <u>32,146,860</u>           |

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

|                             |                   |                                |
|-----------------------------|-------------------|--------------------------------|
| Harbour—                    |                   |                                |
| Harbour Dues.....           | \$ 40,094         |                                |
| Property Rentals.....       | 67,918            |                                |
| Miscellaneous.....          | 6,062             |                                |
|                             | <u>          </u> | \$ 114,074                     |
| Wharves and Piers—          |                   |                                |
| Top Wharfage.....           | 378,291           |                                |
| Dockage.....                | 131,050           |                                |
| Wharf Space Rentals.....    | 58,102            |                                |
| Miscellaneous.....          | 1,850             |                                |
|                             | <u>          </u> | 569,293                        |
| Grain Elevator System—      |                   |                                |
| Elevation.....              | 407,823           |                                |
| Storage.....                | 275,613           |                                |
| Miscellaneous.....          | 34,144            |                                |
|                             | <u>          </u> | 717,580                        |
| Cold Storage System—        |                   |                                |
| Storage.....                | 179,777           |                                |
| Miscellaneous.....          | 51,544            |                                |
|                             | <u>          </u> | 231,321                        |
| Permanent Sheds—            |                   |                                |
| Shed Rentals.....           | 24,452            |                                |
| Storage.....                | 11,393            |                                |
|                             | <u>          </u> | 35,845                         |
| Railway System.....         |                   | 240,153                        |
| Miscellaneous Services..... |                   | 170,020                        |
|                             |                   | <u>          </u> \$ 2,078,286 |

## DEDUCT OPERATING EXPENSES—

|  |                   |                             |
|--|-------------------|-----------------------------|
| Operation and Maintenance—                                 |                   |                             |
| Harbour (Including \$500,206 for dredging).....            | 705,406           |                             |
| Wharves and Piers.....                                     | 70,221            |                             |
| Grain Elevator System.....                                 | 443,952           |                             |
| Cold Storage System.....                                   | 160,360           |                             |
| Permanent Sheds.....                                       | 75,337            |                             |
| Railway System.....  | 199,468           |                             |
| Miscellaneous Services.....                                | 144,861           |                             |
|  | <u>          </u> | 1,799,605                   |
| Administrative—  |                   |                             |
| Salaries.....  | 64,096            |                             |
| Contributions to Public Service Superannuation Account.... | 42,634            |                             |
| Office Expenses.....                                       | 3,355             |                             |
| Other.....   | 45,810            |                             |
|  | <u>          </u> | 155,895                     |
|  |                   | <u>          </u> 1,955,500 |

NET OPERATING INCOME..... 122,786

## ADD OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$4,158 applicable to Reserve Funds)..... | 45,973            |         |
| Miscellaneous.....  | 3,843             |         |
|   | <u>          </u> | 49,816  |
|   |                   | 172,602 |

## DEDUCT SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 859,625           |           |
| Provision for Replacement of Capital Assets.....  | 349,635           |           |
| Other.....  | 2,065             |           |
|   | <u>          </u> | 1,211,325 |

NET INCOME DEFICIT..... \$ 1,038,723

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation each year for about 8 months from early in April. The facilities operated by the National Harbours Board include 8,050 linear feet of wharves which provide 16 deepsea berths, with a minimum water depth of 30 feet, and two berths for coastal or small vessels. There are 7 transit sheds with a total floor area of about 229,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 3,308                   | 2,400,433                    |
| 1955.....          | 2,949                   | 2,124,308                    |
| 1954.....          | 3,248                   | 2,067,984                    |
| 1953.....          | 2,857                   | 1,822,341                    |
| 1952.....          | 2,706                   | 1,848,710                    |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 3,309                   | 2,406,509                    |
| 1955.....          | 2,946                   | 2,120,074                    |
| 1954.....          | 3,249                   | 2,066,469                    |
| 1953.....          | 2,856                   | 1,822,148                    |
| 1952.....          | 2,718                   | 1,849,493                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

| —   | 1956                    |                              | 1955                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 368                     | 1,093,177                    | 347                     | 1,079,200                    |
| Coastal or inland commercial (including fishery)..... | 2,823                   | 1,216,155                    | 2,546                   | 995,981                      |
| Other.....  | 117                     | 91,101                       | 56                      | 49,127                       |
| Total.....  | 3,308                   | 2,400,433                    | 2,949                   | 2,124,308                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 368                     | 1,093,177                    | 347                     | 1,079,200                    |
| Coastal or inland commercial (including fishery)..... | 2,825                   | 1,222,424                    | 2,541                   | 989,516                      |
| Other.....  | 116                     | 90,908                       | 58                      | 51,358                       |
| Total.....  | 3,309                   | 2,406,509                    | 2,946                   | 2,120,074                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1956.....        | 279,870   | 744,118 | 1,023,988 |
| 1955.....        | 186,280   | 483,894 | 670,174   |
| 1954.....        | 292,721   | 475,790 | 768,511   |
| 1953.....        | 264,016   | 620,940 | 884,956   |
| 1952.....        | 336,203   | 846,778 | 1,182,981 |
| <i>Domestic—</i> |           |         |           |
| 1956.....        | 2,565,228 | 16,218  | 2,581,446 |
| 1955.....        | 2,312,031 | 8,547   | 2,320,578 |
| 1954.....        | 2,415,997 | 37,005  | 2,453,002 |
| 1953.....        | 2,126,089 | 33,011  | 2,159,100 |
| 1952.....        | 2,129,874 | 25,551  | 2,155,425 |
| <i>Total—</i>    |           |         |           |
| 1956.....        | 2,845,098 | 760,336 | 3,605,434 |
| 1955.....        | 2,498,311 | 492,441 | 2,990,752 |
| 1954.....        | 2,708,718 | 512,795 | 3,221,513 |
| 1953.....        | 2,390,105 | 653,951 | 3,044,056 |
| 1952.....        | 2,466,077 | 872,329 | 3,338,406 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Pulpwood  | Grain   | Petroleum<br>Oil,<br>fuel | Coal,<br>bituminous | Paper,<br>newsprint | Gasoline | Sulphur | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Calcium<br>Carbide | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs |
|------------------|-----------|---------|---------------------------|---------------------|---------------------|----------|---------|--|--------------------|---|---|
| <i>Foreign—</i>  |           |         |                           |                     |                     |          |         |  |                    |   |   |
| Inward—          |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        |           | 2,441   | 55,360                    | 132,113             |                     | 11,250   | 35,794  |  |                    | 7,872   |   |
| 1955.....        |           |         | 43,639                    | 95,669              |                     | 3,611    | 22,547  |  |                    |   |   |
| Outward—         |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        |           | 500,562 | 4,370                     |                     | 158,878             |          |         | 27,381   | 19,064             | 10,481  | 8,044   |
| 1955.....        |           | 281,461 | 1,379                     |                     | 126,302             |          |         | 28,174   | 15,855             |   | 4,893   |
| <i>Domestic—</i> |           |         |                           |                     |                     |          |         |  |                    |   |   |
| Inward—          |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        | 1,663,547 | 452,140 | 246,676                   | 128,072             |                     | 51,803   |         |  |                    |   |   |
| 1955.....        | 1,508,358 | 288,464 | 225,892                   | 201,215             |                     | 61,358   |         |  |                    |   |   |
| Outward—         |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        | 4,414     |         | 5,056                     |                     |                     |          |         |  | 110                |   | 184   |
| 1955.....        |           | 1,324   | 1,091                     |                     |                     | 21       |         |  | 1,213              |   |   |
| <i>Totals—</i>   |           |         |                           |                     |                     |          |         |  |                    |   |   |
| Inward—          |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        | 1,663,547 | 454,581 | 302,036                   | 260,185             |                     | 63,063   | 35,794  |  |                    | 7,872   |   |
| 1955.....        | 1,508,358 | 288,464 | 269,531                   | 296,884             |                     | 64,969   | 22,547  |  |                    |   |   |
| Outward—         |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        | 4,414     | 500,562 | 9,426                     |                     | 158,878             |          |         | 27,381   | 19,174             | 10,481  | 8,228   |
| 1955.....        |           | 282,785 | 2,470                     |                     | 126,302             |          | 21      | 28,174   | 17,068             |   | 4,893   |
| Total—           |           |         |                           |                     |                     |          |         |  |                    |   |   |
| 1956.....        | 1,667,961 | 955,143 | 311,462                   | 260,185             | 158,878             | 63,063   | 35,794  | 27,381   | 19,174             | 18,353  | 8,228   |
| 1955.....        | 1,508,358 | 571,249 | 272,001                   | 296,884             | 126,302             | 64,990   | 22,547  | 28,174   | 17,068             |   | 4,893   |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Salt  | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Coal,<br>anthracite | Bauxite<br>Ore | Wallboard | Iron or<br>Steel Wire<br>and Wire<br>Manu-<br>factures | Clay  | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------|--|---------------------|----------------|-----------|--|-------|--|---|-----------|
| <i>Foreign—</i>  |       |  |                     |                |           |  |       |  |   |           |
| Inward—          |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | 6,701 | 4,192  | 5,567               | 1,876          | .....     | 221  | 1,077 | 1,019  | 14,387  | 279,870   |
| 1955.....        | 6,688 | 4,749  | 5,555               | .....          | .....     | 734  | 1,941 | .....  | 1,167   | 186,280   |
| Outward—         |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | ..... | 881  | .....               | .....          | 8         | .....  | ..... | .....  | 14,449  | 744,118   |
| 1955.....        | ..... | 1,019  | .....               | .....          | 7         | .....  | ..... | 183  | 24,621  | 483,894   |
| <i>Domestic—</i> |       |  |                     |                |           |  |       |  |   |           |
| Inward—          |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | ..... | 977  | .....               | .....          | 1,782     | .....  | ..... | .....  | 20,231  | 2,565,228 |
| 1955.....        | ..... | 1,849  | .....               | .....          | 1,416     | .....  | ..... | .....  | 23,479  | 2,312,031 |
| Outward—         |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | ..... | .....  | .....               | 1,876          | .....     | 899  | ..... | .....  | 3,679   | 16,218    |
| 1955.....        | ..... | 18   | .....               | .....          | 22        | .....  | ..... | 293  | 4,565   | 8,547     |
| <i>Totals—</i>   |       |  |                     |                |           |  |       |  |   |           |
| Inward—          |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | 6,701 | 5,169  | 5,567               | 1,876          | 1,782     | 221  | 1,077 | 1,019  | 34,618  | 2,845,098 |
| 1955.....        | 6,688 | 6,598  | 5,555               | .....          | 1,416     | 734  | 1,941 | .....  | 24,646  | 2,498,311 |
| Outward—         |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | ..... | 881  | .....               | 1,876          | 8         | 899  | ..... | .....  | 18,128  | 760,336   |
| 1955.....        | ..... | 1,037  | .....               | .....          | 29        | .....  | ..... | 476  | 29,186  | 492,441   |
| <i>Total—</i>    |       |  |                     |                |           |  |       |  |   |           |
| 1956.....        | 6,701 | 6,050  | 5,567               | 3,752          | 1,790     | 1,120  | 1,077 | 1,019  | 52,746  | 3,605,434 |
| 1955.....        | 6,688 | 7,635  | 5,555               | .....          | 1,445     | 734  | 1,941 | 476  | 53,832  | 2,990,752 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1956, with comparisons for previous years.

|                   | Receipts<br>(Bu.) | Shipments<br>(Bu.) | Total<br>(Bu.) |
|-------------------|-------------------|--------------------|----------------|
| <i>Via water—</i> |                   |                    |                |
| 1956.....         | 15,592,077        | 16,783,713         | 32,375,790     |
| 1955.....         | 9,868,351         | 9,520,286          | 19,388,637     |
| 1954.....         | 8,558,423         | 8,842,656          | 17,401,079     |
| 1953.....         | 13,202,791        | 14,025,685         | 27,228,476     |
| 1952.....         | 14,288,567        | 21,767,482         | 36,056,049     |
| <i>Via rail</i>   |                   |                    |                |
| 1956.....         | 2,865,643         | 214,046            | 3,079,689      |
| 1955.....         | 24,960            | 108,267            | 133,227        |
| 1954.....         | 3,972,955         | 3,000              | 3,975,955      |
| 1953.....         | 1,943,521         | 8,500              | 1,952,021      |
| 1952.....         | 8,785,603         | 19,502             | 8,805,105      |
| <i>Via other—</i> |                   |                    |                |
| 1956.....         |                   | 638,837            | 638,837        |
| 1955.....         |                   | 487,016            | 487,016        |
| 1954.....         |                   | 251,690            | 251,690        |
| 1953.....         |                   | 178,830            | 178,830        |
| 1952.....         |                   | 415,489            | 415,489        |
| <i>Total—</i>     |                   |                    |                |
| 1956.....         | 18,457,720        | 17,636,596         | 36,094,316     |
| 1955.....         | 9,893,311         | 10,115,569         | 20,008,880     |
| 1954.....         | 12,531,378        | 9,097,346          | 21,628,724     |
| 1953.....         | 15,146,312        | 14,213,015         | 29,359,327     |
| 1952.....         | 23,074,170        | 22,202,473         | 45,276,643     |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a cost of \$137,982. This provided for dredging of the elevator basin and general maintenance of wharves and piers, transit sheds, and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$26,983. The work consisted of paving the roadways at sections 8, 9 and 10 and aprons of sheds 2, 10, 14 and 16 under a contract awarded to Regional Asphalt Limited, and the installation of a hydrant at the west side of shed no. 3 under a contract awarded to Rosaire Dufresne, Inc.

## INCOME AND EXPENSE

Operating income amounted to \$393,156, as compared with \$349,418 in 1955, an increase of \$43,738. Operating and maintenance expenses were \$179,035 as against \$74,556 in 1955, an increase of \$104,479, largely accounted for by expenditure on maintenance dredging. Net operating income was \$214,121, as compared with \$274,862 in 1955.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$75,053 in 1956, as compared with a surplus of \$115,182 in the previous year.



# Harbour of Three Rivers BALANCE SHEET AS AT DECEMBER 31, 1956

| ASSETS   |                  | LIABILITIES   |                     |
|--|------------------|---|---------------------|
| <b>CURRENT—</b>  |                  | <b>CURRENT—</b>   |                     |
| Cash.....  | \$ 147,465       | Accounts Payable and Accrued Liabilities—General.....                                     | \$ 2,558            |
| Accounts Receivable.....   | 7,956            | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....  | 11,507              |
| Accrued Income.....  | 18,382           | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....  | 3,015               |
| Prepaid Expenses—  |                  | CONTRACTORS' HOLDBACKS.....   | 750                 |
| Stores on Hand.....  | 352              | DEFERRED INCOME.....  | 46,806              |
|  | <u>174,155</u>   |   | <u>64,636</u>       |
| <b>RESERVE FUND ASSETS</b>   |                  |   |                     |
| (Cash \$46,163 investment in bonds, at amortized cost \$1,941,947 with market value of \$1,774,168). |                  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                     |
| Replacement of Capital Assets.....   | 1,914,529        | Assets transferred to the Board on its establishment and subsequently.....                | \$ 693,807          |
| Fire and General Insurance.....  | 73,581           | Loans and Advances.....   | 4,188,537           |
|  | <u>1,988,110</u> |   |                     |
| <b>SPECIAL FUND ASSETS—</b>  |                  | <b>Reserves:</b>  |                     |
| (Cash) Contractors' Security Deposits.....   | 3,015            | Replacement of Capital Assets.....  | \$ 1,914,537        |
| PRELIMINARY CAPITAL EXPENSE.....   | 3,352            | Fire and General Insurance.....   | 73,581              |
|  |                  |   | <u>1,988,118</u>    |
| <b>CAPITAL ASSETS—</b>   |                  |   | <u>6,870,462</u>    |
| (At cost or estimated cost)  |                  | Add: Surplus—   |                     |
| Real Estate.....   | 61,790           | Balance as at Jan. 1, 1956.....   | 1,100,053           |
| Roads, Fences and Boundaries.....  | 66,932           | Add: Net Income for the year ended Dec. 31, 1956 per statement of Income and Expense..... | 75,053              |
| Miscellaneous Structures.....  | 1,281            |   | <u>1,175,106</u>    |
| Wharves and Piers.....   | 4,520,313        |   |                     |
| Permanent Sheds.....   | 1,235,313        |   |                     |
| Railway System.....  | 1,26,611         |   |                     |
| Office Furniture and Appliances.....   | 2,683            |   |                     |
| Electric Power System.....   | 11,513           |   |                     |
| Water Supply System.....   | 12,392           |   |                     |
| Shore Equipment.....   | 1,201            |   |                     |
| Miscellaneous Small Plant.....   | 943              |   |                     |
|  | <u>5,940,972</u> |   |                     |
|  |                  |   | <u>8,045,568</u>    |
|  |                  |   | <u>\$ 8,110,204</u> |

## HARBOUR OF THREE RIVERS

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 13,465         |           |
| Property Rentals..... | 2,077             |           |
|                       | <u>          </u> | \$ 15,542 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 179,318           |         |
| Dockage.....             | 40,686            |         |
| Wharf Space Rentals..... | 76,193            |         |
|                          | <u>          </u> | 296,197 |

## Permanent Sheds—

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Shed Rentals.....           | 77,204            |            |
| Miscellaneous Services..... | 4,213             |            |
|                             | <u>          </u> | \$ 393,156 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |                   |         |
|--|-------------------|---------|
| Harbour (including \$94,633 for dredging)..... | 106,194           |         |
| Wharves and Piers.....                         | 36,455            |         |
| Permanent Sheds.....                           | 8,347             |         |
| Miscellaneous Services.....                    | 1,453             |         |
|  | <u>          </u> | 152,449 |

## Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 18,828            |                   |
| Contributions to Public Service Superannuation Account.... | 1,581             |                   |
| Office Expenses.....                                       | 825               |                   |
| Other.....   | 5,352             |                   |
|  | <u>          </u> | 26,586            |
|  |                   | <u>          </u> |
|  |                   | 179,085           |

NET OPERATING INCOME..... 214,121

## ADD OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$2,174 applicable to Reserve Funds)..... | 59,869            |         |
|   | <u>          </u> | 273,990 |

## DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 115,316           |         |
| Provision for Replacement of Capital Assets.....  | 83,618            |         |
| Provision for doubtful accounts.....              | 3                 |         |
|   | <u>          </u> | 198,937 |

NET INCOME..... \$ 75,053

## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 61 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation for about eight months each year, beginning early in April. The Board operates main piers, wharves and jetties providing 112 berths, totalling about 10 miles of berthing accommodation; 32 transit sheds, with an aggregate floor area of 2,450,000 square feet; also 4 grain elevators, with a total storage capacity of 15,162,000 bushels, and 3½ miles of grain conveyor galleries; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 6 locomotive cranes are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 5,685                   | 10,141,530                   |
| 1955.....          | 5,227                   | 9,133,529                    |
| 1954.....          | 5,104                   | 9,099,820                    |
| 1953.....          | 5,221                   | 9,096,180                    |
| 1952.....          | 4,852                   | 8,702,609                    |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 5,701                   | 10,154,025                   |
| 1955.....          | 5,209                   | 9,117,928                    |
| 1954.....          | 5,102                   | 9,094,594                    |
| 1953.....          | 5,217                   | 9,094,118                    |
| 1952.....          | 4,855                   | 8,701,953                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|   | 1956              |                        | 1955              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,248             | 6,474,810              | 1,905             | 5,492,538              |
| Coastal or inland commercial (including fishery)..... | 3,374             | 3,642,511              | 3,288             | 3,629,759              |
| Other.....  | 63                | 24,209                 | 34                | 11,232                 |
| Total.....  | 5,685             | 10,141,530             | 5,227             | 9,133,529              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,248             | 6,480,135              | 1,905             | 5,492,538              |
| Coastal or inland commercial (including fishery)..... | 3,386             | 3,648,326              | 3,277             | 3,616,753              |
| Other.....  | 67                | 25,564                 | 27                | 8,637                  |
| Total.....  | 5,701             | 10,154,025             | 5,209             | 9,117,928              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1956.....        | 5,034,543 | 5,280,573 | 10,315,116 |
| 1955.....        | 4,167,912 | 3,925,740 | 8,093,652  |
| 1954.....        | 4,657,381 | 4,092,333 | 8,749,714  |
| 1953.....        | 4,014,955 | 5,368,419 | 9,383,374  |
| 1952.....        | 3,410,954 | 5,959,043 | 9,369,997  |
| <i>Domestic—</i> |           |           |            |
| 1956.....        | 4,249,803 | 3,863,916 | 8,113,719  |
| 1955.....        | 4,182,747 | 3,564,167 | 7,746,914  |
| 1954.....        | 4,202,578 | 3,206,131 | 7,408,709  |
| 1953.....        | 4,392,198 | 3,123,769 | 7,515,967  |
| 1952.....        | 3,531,274 | 3,184,334 | 6,715,608  |
| <i>Total—</i>    |           |           |            |
| 1956.....        | 9,284,346 | 9,144,489 | 18,428,835 |
| 1955.....        | 8,350,659 | 7,489,907 | 15,840,566 |
| 1954.....        | 8,859,959 | 7,298,464 | 16,158,423 |
| 1953.....        | 8,407,153 | 8,492,188 | 16,899,341 |
| 1952.....        | 6,942,228 | 9,143,377 | 16,085,605 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Petroleum<br>Oil, fuel | Petroleum<br>Oil, crude | Coal,<br>bituminous | Gasoline  | Cement,<br>common or<br>portland | Sugar, raw | Gypsum,<br>crude | Flour,<br>wheat | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip<br>and Tin<br>Plate | Iron or<br>Steel,<br>scrap |
|------------------|-----------|------------------------|-------------------------|---------------------|-----------|----------------------------------|------------|------------------|-----------------|---|----------------------------|
| <i>Foreign—</i>  |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| Inward—          |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 61,422    | 294,309                | 1,561,873               | 294,485             | 104,355   | 393,876                          | 393,942    | .....            | .....           | 167,131   | 375                        |
| 1955.....        | 19,611    | 580,501                | 980,152                 | 190,746             | 89,791    | 371,422                          | 376,641    | 6,841            | .....           | 44,256  | 5,411                      |
| Outward          |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 3,393,448 | 67,238                 | .....                   | .....               | 125       | 262                              | 3          | .....            | 316,480         | 21,699  | 172,893                    |
| 1955.....        | 2,290,482 | 30,312                 | .....                   | .....               | .....     | 8,888                            | 3          | 9                | 300,857         | 20,874  | 129,677                    |
| <i>Domestic—</i> |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| Inward—          |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 2,674,419 | 55,193                 | 59,698                  | 987,902             | 73,417    | 151                              | .....      | 328,197          | .....           | 1   | 600                        |
| 1955.....        | 2,377,154 | 117,266                | 166                     | 1,154,707           | 63,455    | .....                            | 3,136      | 396,830          | 3               | .....   | 1,644                      |
| Outward—         |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 1,264     | 1,969,643              | 315,347                 | .....               | 914,982   | 153,892                          | .....      | 16,650           | 3,726           | 3,500   | .....                      |
| 1955.....        | 476       | 1,689,425              | 294,663                 | 1,314               | 892,474   | 190,372                          | .....      | 31,965           | 5,529           | 2,292   | .....                      |
| <i>Totals—</i>   |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| Inward—          |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 2,735,841 | 349,502                | 1,621,571               | 1,282,387           | 177,772   | 394,027                          | 393,942    | 328,197          | .....           | 167,132   | 975                        |
| 1955.....        | 2,396,765 | 697,767                | 980,318                 | 1,345,455           | 153,246   | 371,422                          | 376,777    | 403,671          | 3               | 44,256  | 7,055                      |
| Outward—         |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 3,394,712 | 2,036,881              | 315,347                 | .....               | 915,107   | 154,154                          | 3          | 16,650           | 320,206         | 25,199  | 172,893                    |
| 1955.....        | 2,290,658 | 1,719,737              | 294,663                 | 1,314               | 892,474   | 199,260                          | 3          | 31,974           | 306,386         | 23,166  | 129,677                    |
| Total—           |           |                        |                         |                     |           |                                  |            |                  |                 |   |                            |
| 1956.....        | 6,130,553 | 2,386,383              | 1,936,918               | 1,282,387           | 1,092,879 | 548,181                          | 393,945    | 344,847          | 320,206         | 192,331   | 173,898                    |
| 1955.....        | 4,687,723 | 2,417,504              | 1,274,981               | 1,346,767           | 1,045,720 | 570,682                          | 379,780    | 435,645          | 306,389         | 67,422  | 136,732                    |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Petroleum<br>oil, refined<br>not<br>otherwise<br>specified | Iron or<br>Steel,<br>structural | Phosphate<br>Rock | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Coal,<br>anthracite | Oil Cake<br>and<br>Oil-cake<br>Meal | Iron Ore | Molasses | Motor<br>Vehicles<br>and Parts | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>Otherwise<br>specified |
|------------------|---|--|---------------------------------|-------------------|--|---------------------|-------------------------------------|----------|----------|--------------------------------|--|
| <i>Foreign—</i>  |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| Inward—          |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 46  | 48,276   | 145,459                         | 137,658           | 9,913  | 104,727             | .....                               | 46,043   | 73,158   | 40,971                         | 62,966   |
| 1955.....        | 5,917   | 20,973   | 39,795                          | 102,917           | 4,221  | 177,018             | .....                               | 60,166   | 79,673   | 25,381                         | 53,813   |
| Outward—         |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 157,506   | 904  | 3,413                           | .....             | 102,294  | 1                   | 100,992                             | 34,227   | 4        | 40,404                         | 11,519   |
| 1955.....        | 121,617   | 314  | 3,286                           | .....             | 78,357   | .....               | 86,438                              | 25,368   | 1        | 51,566                         | 11,617   |
| <i>Domestic—</i> |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| Inward—          |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | .....   | 8,640  | .....                           | .....             | 121  | .....               | .....                               | .....    | .....    | 165                            | 155  |
| 1955.....        | 372   | 10,216   | .....                           | .....             | 1  | .....               | .....                               | 1,120    | .....    | 358                            | 199  |
| Outward—         |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 1,759   | 100,376  | 2,058                           | 4,424             | 986  | 2,832               | .....                               | 11,816   | 18,545   | 1,811                          | 8,153  |
| 1955.....        | 1,501   | 75,188   | 1,599                           | 7,121             | 351  | 7,580               | .....                               | 23,437   | 19,051   | 2,856                          | 5,138  |
| <i>Totals—</i>   |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| Inward—          |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 46  | 56,916   | 145,459                         | 137,658           | 10,034   | 104,727             | .....                               | 46,043   | 73,158   | 41,136                         | 63,121   |
| 1955.....        | 6,289   | 31,189   | 39,795                          | 102,917           | 4,222  | 177,018             | .....                               | 61,286   | 79,673   | 25,739                         | 54,012   |
| Outward—         |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 159,265   | 101,280  | 5,471                           | 4,424             | 103,280  | 2,833               | 100,992                             | 46,043   | 18,549   | 42,215                         | 19,672   |
| 1955.....        | 123,118   | 75,502   | 4,885                           | 7,121             | 78,708   | 7,580               | 86,438                              | 48,805   | 19,052   | 54,422                         | 16,755   |
| Total—           |   |  |                                 |                   |  |                     |                                     |          |          |                                |  |
| 1956.....        | 159,311   | 158,196  | 150,930                         | 142,082           | 113,314  | 107,560             | 100,992                             | 92,086   | 91,707   | 83,351                         | 82,793   |
| 1955.....        | 129,407   | 106,691  | 44,680                          | 110,038           | 82,930   | 184,598             | 86,438                              | 110,091  | 98,725   | 80,161                         | 70,767   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Glass<br>and<br>Glass<br>Manu-<br>factures | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Chrome Ore | Nickel<br>and<br>Nickel<br>Manu-<br>factures | Salt   | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Machinery<br>and<br>parts<br>(except<br>agricul-<br>tural) | Fluorspar | Fruits,<br>fresh,<br>not<br>otherwise<br>specified | Iron or<br>Steel,<br>in billets,<br>blooms,<br>ingots,<br>pigs,<br>sheet,<br>bars or<br>slabs |
|------------------|--|--|------------|--|--------|---|--|--|-----------|--|---|
| <i>Foreign—</i>  |  |  |            |  |        |   |  |  |           |  |   |
| Inward—          |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 75,210                                     | 5,064  | 46,495     | 124  | 58,420 | 7,966   | 2,734  | 26,467   | 25,950    | 486  | 14,549  |
| 1955.....        | 72,003                                     | 3,298  | 37,422     | 96   | 17,807 | 1,054   | 287  | 32,933   | 16,852    | 934  | 141   |
| Outward—         |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 963  | 54,060   | .....      | 63,650                                       | 71     | 46,695  | 52,503   | 20,912   | 25,490    | 50,517   | 26,882  |
| 1955.....        | 322  | 69,639   | .....      | 47,938                                       | 165    | 6,968   | 51,963   | 17,186   | 9,336     | 882  | 36,184  |
| <i>Domestic—</i> |  |  |            |  |        |   |  |  |           |  |   |
| Inward—          |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 3  | 11,559   | .....      | .....  | 2,500  | .....   | .....  | 999  | .....     | 33   | .....   |
| 1955.....        | 67   | 17,525   | .....      | 5  | .....  | .....   | .....  | 208  | .....     | 120  | .....   |
| Outward—         |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 4,240                                      | 1,091  | 18,990     | 1  | 19     | 673   | .....  | 3,641  | .....     | 105  | .....   |
| 1955.....        | 3,843                                      | 1,128  | 14,273     | 1  | 271    | 933   | 248  | 3,638  | 8,129     | 115  | .....   |
| <i>Totals—</i>   |  |  |            |  |        |   |  |  |           |  |   |
| Inward—          |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 75,213                                     | 16,623   | 46,495     | 124  | 58,420 | 7,966   | 2,734  | 27,466   | 25,950    | 519  | 14,549  |
| 1955.....        | 72,070                                     | 20,823   | 37,422     | 101  | 20,307 | 1,054   | 287  | 33,141   | 16,852    | 1,034  | 141   |
| Outward—         |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 5,203                                      | 55,151   | 18,990     | 63,651                                       | 90     | 47,368  | 52,503   | 24,553   | 25,490    | 50,622   | 26,882  |
| 1955.....        | 4,165                                      | 70,767   | 14,273     | 47,939                                       | 436    | 7,899   | 52,211   | 20,824   | 17,465    | 997  | 36,184  |
| <i>Total—</i>    |  |  |            |  |        |   |  |  |           |  |   |
| 1956.....        | 80,416                                     | 71,774   | 65,485     | 63,775                                       | 58,510 | 55,334  | 55,237   | 52,019   | 51,440    | 51,141   | 41,431  |
| 1955.....        | 76,235                                     | 91,580   | 51,695     | 48,040                                       | 20,743 | 8,953   | 52,498   | 53,965   | 34,317    | 2,051  | 36,525  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Ferro-alloys | Woodpulp | Beverages,<br>alcoholic | Dry<br>Goods,<br>not<br>otherwise<br>specified | Sulphur | Jute<br>and<br>Jute<br>Manu-<br>factures | Asphalt<br>and<br>Asphalt<br>Manu-<br>factures | Vegetables,<br>dried | Paper not<br>otherwise<br>specified | Clay   | Paper,<br>newsprint |
|------------------|--------------|----------|-------------------------|--|---------|--|--|----------------------|-------------------------------------|--------|---------------------|
| <i>Foreign—</i>  |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| Inward—          |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 592          | 4,407    | 31,025                  | 34,753   | 35,899  | 32,650                                   | 73   | 1,251                | 7,911                               | 28,903 | .....882            |
| 1955.....        | 87           | 1,474    | 30,214                  | 19,923   | 18,356  | 27,946                                   | 235  | 1,785                | 5,473                               | 30,127 |                     |
| Outward—         |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 38,712       | 34,451   | 6,205                   | 2,612  | .....   | 1,588                                    | 91   | 28,312               | 16,712                              | 396    | 29,099              |
| 1955.....        | 37,476       | 41,119   | 5,678                   | 2,743  | .....   | 2,549                                    | 61   | 1,493                | 15,382                              | .....  | 44,503              |
| <i>Domestic—</i> |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| Inward—          |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | .....        | 98       | 1                       | .....  | .....   | .....                                    | .....  | .....                | 13                                  | .....  | .....               |
| 1955.....        | 1,765        | 1,233    | .....                   | 14   | .....   | 2  | .....  | .....                | 5                                   | .....  | .....               |
| Outward—         |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 467          | .....    | 959                     | 628  | .....   | 65                                       | 31,517   | 194                  | 4,869                               | 24     | 22                  |
| 1955.....        | .....        | .....    | 1,323                   | 589  | .....   | 122                                      | 31,368   | 381                  | 4,169                               | 28     | .....               |
| <i>Totals—</i>   |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| Inward—          |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 592          | 4,505    | 31,026                  | 34,753   | 35,899  | 32,650                                   | 73   | 1,251                | 7,924                               | 28,903 | .....882            |
| 1955.....        | 1,852        | 2,707    | 30,214                  | 19,937   | 18,356  | 27,948                                   | 235  | 1,785                | 5,478                               | 30,127 |                     |
| Outward—         |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 39,179       | 34,451   | 7,164                   | 3,240  | .....   | 1,653                                    | 31,608   | 28,506               | 21,581                              | 420    | 29,121              |
| 1955.....        | 37,476       | 41,119   | 7,001                   | 3,332  | .....   | 2,671                                    | 31,429   | 1,874                | 19,551                              | 28     | 44,503              |
| Total—           |              |          |                         |  |         |  |  |                      |                                     |        |                     |
| 1956.....        | 39,771       | 38,956   | 38,190                  | 37,993   | 35,899  | 34,303                                   | 31,681   | 29,757               | 29,505                              | 29,323 | 29,121              |
| 1955.....        | 39,328       | 43,826   | 37,215                  | 23,269   | 18,356  | 30,619                                   | 31,664   | 3,659                | 25,029                              | 30,155 | 45,385              |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Bauxite<br>Ore | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Electrical<br>Goods not<br>otherwise<br>specified | Fruits,<br>canned or<br>preserved | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Pulpboard<br>(except<br>Wallboard) | Brick  | Rubber,<br>crude<br>(including<br>Latex) | Nuts   | Con-<br>fectionery |
|------------------|---|----------------|--|---|-----------------------------------|---|------------------------------------|--------|--|--------|--------------------|
| <i>Foreign—</i>  |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| Inward—          |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 25,742  | 22,663         | 10,360   | 16,270  | 20,794                            | .....   | .....                              | 11,379 | 3,937                                    | 18,593 | 16,492             |
| 1955.....        | 21,385  | 11,377         | 10,650   | 11,683  | 16,122                            | 139   | 41                                 | 11,335 | 5,038                                    | 20,149 | 14,783             |
| Outward—         |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 1,364   | .....          | 14,156   | 4,705   | 1,367                             | 16,695  | 17,719                             | 8,352  | 15,784                                   | 330    | 446                |
| 1955.....        | 593   | .....          | 12,328   | 5,949   | 2,635                             | 12,894  | 12,447                             | 6,440  | 8,982                                    | 211    | 402                |
| <i>Domestic—</i> |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| Inward—          |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | .....   | .....          | 41   | 9   | 83                                | .....   | .....                              | .....  | .....                                    | .....  | 7                  |
| 1955.....        | .....   | .....          | 215  | 33  | 313                               | 197   | .....                              | .....  | 11                                       | .....  | .....              |
| Outward—         |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 3   | 3,308          | 348  | 1,860   | 146                               | 5,048   | 2,451                              | 337    | 107                                      | 25     | 1,475              |
| 1955.....        | 91  | .....          | 181  | 1,409   | 172                               | 6,428   | 2,807                              | 335    | 100                                      | .....  | 1,594              |
| <i>Totals—</i>   |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| Inward—          |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 25,742  | 22,663         | 10,401   | 16,279  | 20,877                            | .....   | .....                              | 11,379 | 3,937                                    | 18,593 | 16,499             |
| 1955.....        | 21,385  | 11,377         | 10,865   | 11,716  | 16,435                            | 336   | 41                                 | 11,335 | 5,049                                    | 20,149 | 14,783             |
| Outward—         |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 1,367   | 3,308          | 14,504   | 6,565   | 1,513                             | 21,743  | 20,170                             | 8,689  | 15,891                                   | 355    | 1,921              |
| 1955.....        | 684   | .....          | 12,509   | 7,358   | 2,857                             | 19,322  | 15,254                             | 6,775  | 9,082                                    | 211    | 1,996              |
| <i>Total—</i>    |   |                |  |   |                                   |   |                                    |        |  |        |                    |
| 1956.....        | 27,109  | 25,971         | 24,905   | 22,844  | 22,390                            | 21,743  | 20,170                             | 20,068 | 19,828                                   | 18,948 | 18,420             |
| 1955.....        | 22,069  | 11,377         | 23,374   | 19,074  | 19,292                            | 19,658  | 15,295                             | 18,110 | 14,131                                   | 20,360 | 16,779             |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Ordnance<br>Stores<br>not<br>otherwise<br>specified | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Rice   | Settlers'<br>Effects | Wool,<br>unmanu-<br>factured,<br>and Wool<br>Yarns | Tea    | Iron or<br>Steel Wire<br>or Wire<br>Manu-<br>factures | Fruits,<br>dried | All Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|---|---|--|--------|----------------------|--|--------|---|------------------|--|------------|
| <i>Foreign—</i>  |   |   |  |        |                      |  |        |   |                  |  |            |
| Inward—          |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 2,813   | 839   | 17,091   | 17,726 | 10,969               | 15,740   | 16,216 | 14,288  | 15,527           | 395,190                                    | 5,034,543  |
| 1955.....        | 4,602   | 32  | 13,972   | 9,031  | 10,456               | 13,362   | 14,937 | 7,629   | 19,074           | 366,496                                    | 4,167,912  |
| Outward—         |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 15,467  | 17,117  | 328  | .....  | 5,942                | 1,670  | .....  | 671   | 6                | 235,121                                    | 5,280,573  |
| 1955.....        | 13,690  | 22,932  | 307  | .....  | 7,015                | 1,989  | .....  | 924   | 231              | 242,834                                    | 3,925,740  |
| <i>Domestic—</i> |   |   |  |        |                      |  |        |   |                  |  |            |
| Inward—          |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | .....   | 259   | .....  | .....  | 463                  | .....  | .....  | 38  | .....            | 47,538                                     | 4,249,803  |
| 1955.....        | .....   | 31  | .....  | .....  | 73                   | .....  | .....  | 25  | .....            | 32,018                                     | 4,182,747  |
| Outward—         |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 72  | 72  | 400  | 68     | 175                  | 23   | 4      | 915   | 256              | 247,554                                    | 3,863,916  |
| 1955.....        | 2   | 15  | 536  | 78     | 103                  | 5  | .....  | 736   | 181              | 222,107                                    | 3,564,167  |
| <i>Totals—</i>   |   |   |  |        |                      |  |        |   |                  |  |            |
| Inward—          |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 2,813   | 1,098   | 17,091   | 17,726 | 11,432               | 15,740   | 16,216 | 14,326  | 15,527           | 442,728                                    | 9,284,346  |
| 1955.....        | 4,602   | 63  | 13,972   | 9,031  | 10,529               | 13,362   | 14,937 | 7,654   | 19,074           | 398,514                                    | 8,550,659  |
| Outward—         |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 15,539  | 17,189  | 728  | 68     | 6,117                | 1,693  | 4      | 1,586   | 262              | 482,675                                    | 9,144,489  |
| 1955.....        | 13,692  | 22,947  | 843  | 78     | 7,118                | 1,994  | .....  | 1,660   | 412              | 464,941                                    | 7,489,907  |
| <i>Total—</i>    |   |   |  |        |                      |  |        |   |                  |  |            |
| 1956.....        | 18,352  | 18,287  | 17,819   | 17,794 | 17,549               | 17,433   | 16,220 | 15,912  | 15,789           | 925,403                                    | 18,428,835 |
| 1955.....        | 18,294  | 23,010  | 14,815   | 9,109  | 17,647               | 15,856   | 14,937 | 9,314   | 19,486           | 863,455                                    | 15,840,566 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

| —                 | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1956.....         | 85,154  | 57,674   | 142,828 |
| 1955.....         | 57,184  | 45,404   | 102,588 |
| 1954.....         | 42,170  | 31,025   | 73,195  |
| 1953.....         | 35,171  | 26,679   | 61,850  |
| 1952.....         | 43,805  | 28,239   | 72,044  |
| <i>Coastwise—</i> |         |          |         |
| 1956.....         | 33,356  | 32,483   | 65,839  |
| 1955.....         | 37,181  | 39,771   | 76,952  |
| 1954.....         | 39,262  | 39,619   | 78,881  |
| 1953.....         | 36,368  | 39,713   | 76,081  |
| 1952.....         | 37,070  | 39,002   | 76,072  |
| <i>Total—</i>     |         |          |         |
| 1956.....         | 118,510 | 90,157   | 208,667 |
| 1955.....         | 94,365  | 85,175   | 179,540 |
| 1954.....         | 81,432  | 70,644   | 152,076 |
| 1953.....         | 71,539  | 66,392   | 137,931 |
| 1952.....         | 80,875  | 67,241   | 148,116 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1956, with comparisons for previous years.

| —                 | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1956.....         | 100,092,500 | 118,784,980 | 218,877,480 |
| 1955.....         | 88,985,445  | 83,447,230  | 172,432,675 |
| 1954.....         | 104,004,050 | 95,549,726  | 199,553,776 |
| 1953.....         | 117,455,831 | 144,983,724 | 262,439,555 |
| 1952.....         | 95,961,319  | 152,031,728 | 247,993,047 |
| <i>Via rail—</i>  |             |             |             |
| 1956.....         | 36,451,122  | 8,839,915   | 45,291,037  |
| 1955.....         | 10,247,391  | 10,246,967  | 20,494,358  |
| 1954.....         | 9,735,532   | 12,296,443  | 22,031,975  |
| 1953.....         | 48,618,859  | 9,460,129   | 58,078,988  |
| 1952.....         | 69,265,117  | 9,120,352   | 78,385,469  |
| <i>Via other—</i> |             |             |             |
| 1956.....         | 236,154     | 6,887,850   | 7,124,004   |
| 1955.....         | 159,413     | 7,471,693   | 7,631,106   |
| 1954.....         | 131,069     | 5,686,377   | 5,817,446   |
| 1953.....         | 294,588     | 4,550,135   | 4,844,723   |
| 1952.....         | 285,897     | 3,910,005   | 4,195,902   |
| <i>Total—</i>     |             |             |             |
| 1956.....         | 136,779,776 | 134,512,745 | 271,292,521 |
| 1955.....         | 99,392,249  | 101,165,890 | 200,558,139 |
| 1954.....         | 113,870,651 | 113,532,546 | 227,403,197 |
| 1953.....         | 166,369,278 | 158,993,988 | 325,363,266 |
| 1952.....         | 165,512,333 | 165,062,085 | 330,574,418 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1956, with comparison for 1955.

|  | 1956    | 1955    |
|--|---------|---------|
| <i>Received from connectin lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 62,550  | 44,891  |
| Non-revenue cars.....  | 16,061  | 16,370  |
| Total.....   | 78,611  | 61,261  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 35,643  | 34,436  |
| Non-revenue cars.....  | 42,398  | 25,792  |
| Total.....   | 78,041  | 60,228  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 17      | 18      |
| Non-revenue cars.....  |         |         |
| Total.....   | 17      | 18      |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 3,713   | 1,960   |
| Non-revenue cars.....  |         |         |
| Total.....   | 3,713   | 1,960   |
| <i>Total</i>   |         |         |
| Revenue cars.....  | 101,923 | 81,305  |
| Non-revenue cars.....  | 58,459  | 42,162  |
| Total.....   | 160,382 | 123,467 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,156,447. The larger items were interior painting of structural steel of transit shed no. 11; filling in ramps in transit sheds nos. 11 and 13; renewal of sheeting, transit sheds nos. 25 and 26; rewiring lower floors of transit sheds nos. 25 to 27 inclusive; replacement of 2 standard slip diamonds at sections 13 and 17; replacement of 26 elevator belts and 1,400 elevator buckets; fabrication of 12 dock spouts and 12 dock spout sleeves; alterations to ground and first floors of Victoria pier building; renewal of brick parapet walls around roof of shop building; dry-docking, renewing of deck house, boat deck, and conversion from coal to oil burning of tug "Sir Hugh Allan"; drydocking and repairing 3 flat scows, and general maintenance of all harbour facilities and equipment.

## CAPITAL WORKS

Expenditures on capital account amounted to \$7,298,380, of which \$6,230 was provided from replacement fund. The principal items were:—

*Extension of Wharf, Sections 58-61.*—The Foundation Company of Canada Limited was awarded a contract in November, 1955, for the construction at sections 58-61 of a 1,500-foot wharf of the concrete crib and copewall type. At the end of 1956, approximately 75% of the work was done.

*Extension of Wharf, Sections 50-53.*—In August, 1955, a contract was awarded to E. G. M. Cape and Company for the construction of a 1,610-foot wharf at sections 50-53 by means of the concrete crib and copewall method. About 60% of the work was completed by the end of 1956.

*Raising Sutherland Pier, Sections 46-47.*—A contract was awarded in October, 1955, to Spino Construction Limited for the raising of Sutherland pier, sections 46-47, from low to high level to permit the construction of sheds and to provide a high-level roadway between sections 44 and 47. The work was completed in August.



*Raising Laurier Pier, Section 43.*—Charles Duranceau Limited was awarded a contract in April, 1956, for the raising of Laurier pier, section 43, from low to high level, to provide a high-level roadway and increase the wharf space area, and also to facilitate the construction of a grain conveyor gallery on the pier. Approximately 96% of the work was completed in 1956.

*Construction of Marine Jetty, Elevator No. 1.*—In July, 1956, a contract was awarded to The Key Construction Limited for the construction of a marine jetty 700 feet long by 47 feet wide at elevator no. 1 by means of reinforced concrete cribs seated on crushed stone mattresses. The superstructure consists of copewalls and tunnel walls. Approximately 50% of the work was completed in 1956.

*Raising Wharf Aprons to Shed Floor Levels, Sheds 18, 19, 25, 26 and 27.*—A contract was awarded to E. G. M. Cape and Company in January, 1956, for raising the wharf aprons four feet to shed floor levels at sheds 18, 19, 25, 26 and 27 to provide for better cargo handling. The work was completed in 1956.

*Extension to Shell Oil Wharf, Section 104.*—A contract was awarded to United Dredging in May, 1956, for the construction of a wharf extension 115 feet long by 42 feet wide at section 104 by means of the concrete crib and copewall method. The work was completed in December.

*Extension of Montreal East Wharf, Section 110.*—United Dredging was awarded a contract in May, 1956, for the construction of a wharf extension 575 feet long by 42 feet wide at section 110 by means of the concrete crib and copewall method. Approximately 95% of the work was completed by the end of the year.

*Dredging Approach Channels, Sections 104 and 110.*—The construction of extensions to the Shell Oil and Montreal East wharves at sections 104 and 110 necessitated the dredging of the approach channels. A contract for this work was awarded to Marine Industries Limited in August, 1956. The work will be completed in 1957.

*Dredging McColl-Frontenac Wharf, Sections 98 and 99.*—In order to provide a 35-foot berth at sections 98 and 99, Marine Industries Limited was awarded a contract in August, 1956, to dredge the approach channels. The work was completed by the end of the year.

*Construction of Ramps and Walls, Pie IX Subway.*—The raising of Laurier pier necessitated the construction of ramps and walls leading from Pie IX subway to the pier. The work was carried out under a contract awarded to The Foundation Company of Canada Limited in November, 1955, and was completed in May, 1956.

*Transit Shed 46A.*—J. G. Fitzpatrick Limited was awarded a contract in March, 1956, for the construction of a single-storey steel-frame transit shed, 125 feet wide by 418 feet long, at section 46. About 16% of the work was completed in 1956.

*Extension to Transit Shed No. 40.*—A contract was awarded to Anglin-Norcross Quebec Limited in November, 1955, for the construction of a 242-foot extension to single-storey shed 40. With the completion of this extension in November, 1956, the dimension of the shed became 462 feet by 120 feet.

*Installation of Fire Protection System, Sheds 16-19 and 25-27.*—In December, 1955, a contract was awarded to Driscoll Limited, for the installation of an electromatic control type fire protection system in transit sheds nos. 16 to 19 and 25 to 27.

*Conversion of Fire Protection System, Sheds 2 to 10.*—A contract was awarded to Driscoll Limited in December, 1955, for the conversion of the

fire protection system in transit sheds 2 to 10 from nitrogen gas to an electromatic control system. The work was completed in July.

*Changes to Grain Galleries, Elevator "B".*—A contract was awarded to Argo Construction Limited in August, 1956, for the dismantling and reconstruction of certain portions of galleries at elevator "B", and for the supplying and installing of equipment. Approximately 24% of the work was completed in 1956.

*Improvements to Grain Elevators Nos. 1 and 2.*—Two separate contracts were awarded to Pentagon Construction Company Limited in connection with this work. The first contract was awarded in October, 1956, for improvements to galleries at elevators nos. 1 and 2 and receiving facilities inside elevator no. 1. The second contract was awarded in December, 1956, for the construction of marine towers and receiving facilities outside elevator no. 1. Only preliminary work was done in 1956.

*Construction of Grain Conveyor Galleries on Laurier Pier.*—In August, 1956, a contract was awarded to Charles Duranceau Limited for the construction of conveyor galleries on Laurier pier. Preliminary work only was done on this contract during the year.

*Installation of Sharp Freezer Unit in Cold Storage Warehouse.*—Due to the proposed installation of a sharp freezer unit in the cold storage warehouse, it was necessary to make alterations and additions to insulation of one room in the warehouse. In this connection, a contract was awarded to Terrebonne Construction Inc. in July, 1956. The work was completed in October, 1956. A contract for the equipment will be awarded in 1957.

*Changes to Electrical Sub-Stations 1, 2 and 4.*—Consequent upon changes and additions to the grain elevators, additional power requirements will be necessary at sub-stations 1, 2 and 4. During 1956, tenders were called for, and accepted, for the purchase of five power transformers and two complete switchboards to be installed by Board forces at Beaudry street sub-station during the year 1957.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—the installation of additional cargo handling fittings in four sheds; the purchase of two portable offices, three steel flat cars and the construction of a caboose on one of these flat cars; the purchase of two trucks and one automobile; the construction of three new railway sidings at sections 41, 44 and 53; the building of one new sounding float 100 feet by 10 feet, and the dismantling of two marine towers at grain elevator no. 1.

## INCOME AND EXPENSE

Operating income amounted to \$9,761,604, as compared with \$8,308,616 in 1955, the increase being \$1,452,988, or 17%. Receipts from the operation of wharves, sheds, grain elevators, terminal railway and from miscellaneous services were all considerably higher than in the previous year. Operating and maintenance expenses increased by \$684,734, or 15%, the figure for 1956 being \$5,365,474, as compared with \$4,680,740 in 1955. Net operating income was \$4,396,130 in 1956, as against \$3,627,876 in the previous year, an increase of \$768,254.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$2,058,979, as compared with a surplus of \$1,391,180 in 1955.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.

# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1956

(EXCLUDING JACQUES CARTIER BRIDGE)

| ASSETS   |                     | LIABILITIES  |                    |
|--|---------------------|--|--------------------|
| CURRENT—   |                     | CURRENT—   |                    |
| Cash.....  | \$ 1,658,811        | Accounts Payable and Accrued Liabilities—General.....                      | \$ 644,666         |
| Accounts Receivable.....   | \$ 1,031,779        |  |                    |
| Less: Provision for Doubtful Accounts..  | 2,021               |  |                    |
|  | <u>1,029,758</u>    |  |                    |
| Accrued Income.....  | 219,822             | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 1,284,160          |
| Prepaid Expenses—  |                     | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 995,158            |
| Stores on Hand.....  | 485,252             | CONTRACTORS' HOLDBACKS.....  | 574,207            |
| Other.....   | <u>17,398</u>       |  |                    |
|  | 502,650             | DEFERRED INCOME.....   | 77,041             |
| Miscellaneous.....   | 31,970              |  | <u>3,575,232</u>   |
|  | <u>\$ 3,443,011</u> |  |                    |
| RESERVE FUND ASSETS—   |                     |  |                    |
| (Cash \$227,893 investment in bonds, at amortized cost \$23,155,935 with market value of \$21,334,512) |                     | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |                    |
| Replacement of Capital Assets.....   | 21,684,388          | Assets transferred to the Board on its establishment and subsequently..... | \$ 5,526,950       |
| Fire and General Insurance.....  | <u>1,699,440</u>    | Loans and Advances.....  | 74,836,225         |
|  |                     | Interest in arrears on Loans and Advances.....                             | 2,719,929          |
|  |                     |  |                    |
| SPECIAL FUND ASSETS—   |                     |  |                    |
| (Cash \$483,138 bonds \$512,000)   |                     |  |                    |
| Contractors' Security Deposits.....  |                     |  |                    |
|  | 23,383,828          |  |                    |
|  |                     |  |                    |
|  | 995,158             |  |                    |
| PRELIMINARY CAPITAL EXPENSE.....   | 55,830              |  |                    |
|  |                     |  |                    |
|  | <u>134,287</u>      |  |                    |
| DEBIT BALANCES IN SUSPENSE.....  |                     |  |                    |
|  |                     | RESERVES—  |                    |
| CAPITAL ASSETS—  |                     | Replacement of Capital Assets.....   | \$ 26,455,393      |
| (at cost or estimated cost)  |                     | Fire and General Insurance.....  | 1,699,440          |
| Harbour Dredging.....  | 5,616,387           |  | <u>28,154,833</u>  |
| Real Estate.....   | 2,256,655           |  | <u>111,237,937</u> |
| Roads, Fences and Boundaries.....  | 1,016,221           |  |                    |
| Sewers and Drains.....   | 180,328             |  |                    |
| Miscellaneous Structures.....  | <u>404,785</u>      |  |                    |



|                                      |            |
|--------------------------------------|------------|
| Wharves and Piers.....               | 27,497,429 |
| Permanent Sheds.....                 | 10,666,281 |
| Shed Hoists and Electric Cranes..... | 394,235    |
| Railway System.....                  | 4,915,742  |
| Grain Elevator System.....           | 15,850,879 |
| Cold Storage System.....             | 3,085,480  |
| Office Furniture and Appliances..... | 80,720     |
| Harbour Buildings.....               | 506,025    |
| Central Heating Plants.....          | 16,579     |
| Harbour Shops.....                   | 232,228    |
| Electric Power System.....           | 1,145,271  |
| Water Supply System.....             | 295,180    |
| Floating Equipment.....              | 865,805    |
| Shore Equipment.....                 | 360,802    |
| Miscellaneous Small Plant.....       | 72,653     |
| Works under Construction.....        | 6,744,746  |

---

81,604,431

---

\$109,616,545

---

|                                 |           |
|---------------------------------|-----------|
| Deduct—Deficit—                 |           |
| Balance as at Jan. 1, 1956..... | 7,246,937 |
| Add: Prior years' adjustments   |           |
| (Net).....                      | 8,666     |

---

7,255,603

Less: Net Income for the year ended  
Dec. 31, 1956 per statement of  
Income and Expense.....

---

2,058,979

---

5,196,624

---

106,041,313

---

\$ 109,616,545

---



## HARBOUR OF MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956  
(EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

## Harbour—

|                       |                   |            |
|-----------------------|-------------------|------------|
| Harbour Dues.....     | \$ 70,955         |            |
| Property Rentals..... | 33,147            |            |
| Miscellaneous.....    | 5,703             |            |
|                       | <u>          </u> | \$ 109,805 |

## Wharves and Piers—

|                          |                   |           |
|--------------------------|-------------------|-----------|
| Top Wharfage.....        | 2,900,436         |           |
| Dockage.....             | 563,276           |           |
| Wharf Space Rentals..... | 308,140           |           |
| Miscellaneous.....       | 71,588            |           |
|                          | <u>          </u> | 3,843,440 |

## Grain Elevator System—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Elevation.....     | 2,066,239         |           |
| Storage.....       | 831,717           |           |
| Miscellaneous..... | 218,235           |           |
|                    | <u>          </u> | 3,116,191 |

## Cold Storage System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Storage.....       | 364,517           |         |
| Miscellaneous..... | 74,176            |         |
|                    | <u>          </u> | 438,693 |

## Permanent Sheds—

|                    |                   |         |
|--------------------|-------------------|---------|
| Shed Rentals.....  | 553,687           |         |
| Storage.....       | 38,862            |         |
| Miscellaneous..... | 830               |         |
|                    | <u>          </u> | 593,379 |

## Railway System.....

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 996,451           |              |
|                             | 663,645           |              |
|                             | <u>          </u> | \$ 9,761,604 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |                   |           |
|--|-------------------|-----------|
| Harbour (including \$38,238 for Dredging)..... | 678,568           |           |
| Wharves and Piers.....                         | 136,466           |           |
| Grain Elevator System.....                     | 1,958,591         |           |
| Cold Storage System.....                       | 408,640           |           |
| Permanent Sheds.....                           | 206,583           |           |
| Railway System.....                            | 805,725           |           |
| Miscellaneous Services.....                    | 675,935           |           |
|  | <u>          </u> | 4,870,508 |

## Administrative—

|  |                   |         |
|--|-------------------|---------|
| Salaries.....  | 143,527           |         |
| Contributions to Public Service Superannuation Account.... | 165,403           |         |
| Office Expenses.....                                       | 10,921            |         |
| Other.....   | 175,115           |         |
|  | <u>          </u> | 494,966 |

5,365,474

NET OPERATING INCOME..... 4,396,130

## ADD OTHER INCOME—

|  |                   |           |
|--|-------------------|-----------|
| Income from Investments (less \$53,401 applicable to Reserve Funds)..... | 662,171           |           |
| Miscellaneous.....   | 12,743            |           |
|  | <u>          </u> | 674,914   |
|  |                   | 5,071,044 |

## DEDUCT SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 1,957,955         |           |
| Provision for Replacement of Capital Assets.....  | 1,001,235         |           |
| Other.....  | 52,875            |           |
|   | <u>          </u> | 3,012,065 |

NET INCOME..... \$ 2,058,979

## JACQUES CARTIER BRIDGE—MONTREAL

### TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1956, with comparison for 1955.

| —                            | 1956       | 1955       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 13,808,364 | 14,073,996 |
| Automobiles (Passenger)..... | 9,018,283  | 7,850,547  |
| Trucks.....                  | 1,196,510  | 1,263,401  |
| Buses.....                   | 143,315    | 151,636    |
| All Others.....              | 118,877    | 121,407    |

### CAPITAL WORKS

*Widening of Roadway on Downstream Side of Jacques Cartier Bridge.*—A contract was awarded to Dominion Bridge Company Limited in June, 1955, for the widening of roadway on downstream side of Jacques Cartier bridge. The work was completed in December, 1956.

*Alterations to Southern Approach, Jacques Cartier Bridge.*—In July, 1956, a contract was awarded to Grant-Mills Limited for the construction of three subway abutments for the grade separation, southern approach to Jacques Cartier bridge. The work was completed in November, 1956.

In conjunction with the above work, a contract was awarded to Charles Duranceau Limited in October 1956, for the grade separation southern approach to Jacques Cartier bridge, abutments for subway "D" and superstructure for four subways—"A", "B", "C" and "D". Only preliminary work was done in 1956.

### INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$2,154,240, as compared with \$2,100,393 in 1955. The increase of \$53,847 is the smallest recorded in any recent year. The putting into service during the year of two additional traffic lanes on the Victoria Jubilee bridge undoubtedly had its effect on the revenues of Jacques Cartier bridge.

Operating and maintenance expenses were \$278,257, as compared with \$233,000 in 1955.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus in 1956 of \$942,102, as compared with a surplus of \$886,222 in the previous year.

Cash surplus, after payment of interest on capital debt (but not on debt incurred to pay deficits) was used in part to meet capital expenditures and in part invested in short-term Canada bonds.



## JACQUES CARTIER BRIDGE—MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

|                      |               |              |
|----------------------|---------------|--------------|
| Bridge Tolls.....    | \$ 2,127,832  |              |
| Sundry Receipts..... | 26,408        |              |
|                      | <u>26,408</u> | \$ 2,154,240 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                  |               |         |
|------------------|---------------|---------|
| Operation.....   | \$ 156,343    |         |
| Maintenance..... | 84,937        |         |
|                  | <u>84,937</u> | 241,280 |

## Administrative—

|  |               |                |
|--|---------------|----------------|
| Salaries.....  | 14,392        |                |
| Contributions to Public Service Superannuation Account.... | 5,588         |                |
| Office Expenses.....                                       | 1,317         |                |
| Other.....   | 15,680        |                |
|  | <u>15,680</u> | 36,977         |
|  |               | <u>278,257</u> |

|                           |           |
|---------------------------|-----------|
| NET OPERATING INCOME..... | 1,875,983 |
|---------------------------|-----------|

## ADD OTHER INCOME—

|  |            |                  |
|--|------------|------------------|
| Income from Investments (less \$14,279 applicable to Reserve Funds)..... | 43,177     |                  |
| Miscellaneous.....   | 488        |                  |
|  | <u>488</u> | 43,665           |
|  |            | <u>1,919,648</u> |

## DEDUCT SPECIAL CHARGES—

|  |              |         |
|--|--------------|---------|
| Provision for Interest on Loans and Advances.....        | 748,695      |         |
| Provision for Replacement of Capital Assets.....         | 165,966      |         |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334       |         |
| Other.....   | 1,551        |         |
|  | <u>1,551</u> | 977,546 |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 942,102 |
|-----------------|------------|



## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1956, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1956.....         | 51,701,236 | 40,355,693 | 92,056,929  |
| 1955.....         | 41,392,406 | 31,013,544 | 72,405,950  |
| 1954.....         | 41,273,152 | 34,605,361 | 75,878,513  |
| 1953.....         | 22,817,285 | 14,992,908 | 37,810,193  |
| 1952.....         | 16,674,275 | 13,288,311 | 29,962,586  |
| <i>Via rail—</i>  |            |            |             |
| 1956.....         | 68,788     | 7,980,057  | 8,048,845   |
| 1955.....         | 45,555     | 8,258,090  | 8,303,645   |
| 1954.....         | 85,154     | 6,868,157  | 6,953,311   |
| 1953.....         | 298,713    | 4,608,462  | 4,907,175   |
| 1952.....         | 735,443    | 3,372,419  | 4,107,862   |
| <i>Via other—</i> |            |            |             |
| 1956.....         |            | 3,254,064  | 3,254,064   |
| 1955.....         |            | 2,026,598  | 2,026,598   |
| 1954.....         |            | 983,009    | 983,009     |
| 1953.....         | 482        | 799,995    | 800,477     |
| 1952.....         | 3,765      | 499,520    | 503,285     |
| <i>Total—</i>     |            |            |             |
| 1956.....         | 51,770,024 | 51,589,814 | 103,359,838 |
| 1955.....         | 41,437,961 | 41,298,232 | 82,736,193  |
| 1954.....         | 41,358,306 | 42,456,527 | 83,814,833  |
| 1953.....         | 23,116,480 | 20,401,365 | 43,517,845  |
| 1952.....         | 17,413,483 | 17,100,250 | 34,513,733  |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a cost of \$83,289. The principal items were replacement of marine loading spouts; replacement of marine leg and conveyor belts, and general maintenance of elevator.

### CAPITAL WORKS

Capital expenditures amounted to \$51,995, covering the enclosure of stairways and elevators, the installation of exits and fire escapes, and the construction of a track shed road.

## INCOME AND EXPENSE

Operating income amounted to \$1,086,880, as compared with \$995,449 in 1955. Expenses of operation and maintenance were \$488,972, as against \$430,200 in the previous year.

In this year's accounts provision is made for the first time for depreciation of capital assets. After reserving \$63,078 for this purpose, the net income surplus in 1956 was \$538,199, which compares with a surplus (without such charge) of \$569,565 in 1955. Interest is not charged on the capital cost of this facility at the time of its transfer to the Board.

## BALANCE SHEET AS AT DECEMBER 31, 1956

## 81

NOTE: Since Jan. 1, 1937, when this elevator was placed under the Board's jurisdiction, the sum of \$3,121,475 has been paid to the Government out of earnings.

## PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

|                          |    |         |              |
|--------------------------|----|---------|--------------|
| Harbour—                 |    |         |              |
| Property Rentals.....    | \$ | 3,386   |              |
| Wharves and Piers—       |    |         |              |
| Top Wharfage.....        | \$ | 2,917   |              |
| Dockage.....             |    | 305     |              |
| Wharf Space Rentals..... |    | 750     |              |
| Miscellaneous.....       |    | 202     |              |
|                          |    |         | 4,174        |
| Grain Elevator System—   |    |         |              |
| Elevation.....           |    | 704,303 |              |
| Storage.....             |    | 315,529 |              |
| Miscellaneous.....       |    | 59,394  |              |
|                          |    |         | 1,079,226    |
| Railway System.....      |    |         | 94           |
|                          |    |         | \$ 1,086,880 |

## DEDUCT OPERATING EXPENSES—

|  |  |         |         |
|--|--|---------|---------|
| Operation and Maintenance—                                 |  |         |         |
| Grain Elevator System.....                                 |  | 439,816 |         |
| Administrative—  |  |         |         |
| Salaries.....  |  | 23,873  |         |
| Contributions to Public Service Superannuation Account.... |  | 5,730   |         |
| Office Expenses.....                                       |  | 2,308   |         |
| Other.....   |  | 17,245  |         |
|  |  |         | 49,156  |
|  |  |         | 488,972 |

NET OPERATING INCOME..... 597,908

## ADD OTHER INCOME—

|                    |  |       |         |
|--------------------|--|-------|---------|
| Miscellaneous..... |  | 3,411 |         |
|                    |  |       | 601,319 |

## DEDUCT SPECIAL CHARGES—

|   |  |        |        |
|---|--|--------|--------|
| Provision for Interest on Loans and Advances..... |  | 31     |        |
| Provision for Replacement of Capital Assets.....  |  | 63,078 |        |
| Other.....  |  | 11     |        |
|   |  |        | 63,120 |

NET INCOME.....\$ 538,199

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs with an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1956, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1956.....         | 51,273,072 | 48,912,806 | 100,185,878 |
| 1955.....         | 41,563,498 | 40,850,947 | 82,414,445  |
| 1954.....         | 43,473,114 | 42,244,624 | 85,717,738  |
| 1953.....         | 70,572,498 | 67,223,143 | 137,795,641 |
| 1952.....         | 64,284,600 | 61,093,617 | 125,378,217 |
| <i>Via rail—</i>  |            |            |             |
| 1956.....         |            | 648,910    | 648,910     |
| 1955.....         | 2,000      | 699,562    | 701,562     |
| 1954.....         |            | 966,880    | 966,880     |
| 1953.....         | 19,033     | 2,440,077  | 2,459,109   |
| 1952.....         | 25,927     | 1,456,143  | 1,482,070   |
| <i>Via other—</i> |            |            |             |
| 1956.....         |            | 1,153,678  | 1,153,678   |
| 1955.....         |            | 541,772    | 541,772     |
| 1954.....         |            | 418,857    | 418,857     |
| 1953.....         |            | 422,541    | 422,541     |
| 1952.....         |            | 425,975    | 425,975     |
| <i>Total—</i>     |            |            |             |
| 1956.....         | 51,273,072 | 50,715,394 | 101,988,466 |
| 1955.....         | 41,565,498 | 42,092,281 | 83,657,779  |
| 1954.....         | 43,473,114 | 43,630,361 | 87,103,475  |
| 1953.....         | 70,591,531 | 70,085,761 | 140,677,292 |
| 1952.....         | 64,310,527 | 62,975,735 | 127,286,262 |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$157,223, consisting mainly of overhaul and repairs to buildings; re-sheeting elevator cupola; re-building loading dock operating bridge; rewiring loading dock signals; renewing marine leg "A" housing; lining dust control cyclones; replacement of flood control portable pump, and conversion of electric power sensitive equipment from 25 to 60 cycle current.

### CAPITAL WORKS

Expenditure on capital account amounted to \$79,955 covering conversion of electric power sensitive equipment from 25 to 60 cycle current.

## INCOME AND EXPENSE

Operating income amounted to \$869,683, as compared with \$766,666 in 1955. Operating and maintenance expenses were \$588,078, the corresponding figure for 1955 being \$496,958.

In this year's accounts provision is made for the first time for depreciation of capital assets. After reserving \$38,187 for this purpose, the net income surplus in 1956 was \$248,327, which compares with a surplus (without such charge) of \$264,372 in 1955. Interest is not charged on the capital cost of this facility at the time of its transfer to the Board.



## Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1956

| ASSETS                                     |                  | LIABILITIES                                  |                     |
|--|------------------|--|---------------------|
| CURRENT—                                   |                  | CURRENT—                                     |                     |
| Cash.....                                  | \$ 149,906       | Accounts Payable and Accrued Liabilities     | 112,503             |
| Accounts Receivable.....                   | 84,217           | —General.....                                | \$ 2,074            |
| Prepaid Expenses—                          |                  | CONTRACTORS' SECURITY DEPOSITS (CONTRA)..... | 163                 |
| Stores on Hand.....                        | 68,531           | CONTRACTORS' HOLDBACKS.....                  | 114,740             |
| Other.....                                 | 40               |  |                     |
| Miscellaneous.....                         | 68,571           |  |                     |
|  | <u>4,942</u>     |  |                     |
|  | 307,636          |  |                     |
| SPECIAL FUND ASSETS—                       |                  | PROPRIETARY EQUITY OF THE GOVERNMENT         |                     |
| (Cash) Contractors' Security Deposits..... | 2,074            | OF CANADA—                                   |                     |
|  |                  | Assets transferred to the Board on its       |                     |
|  |                  | establishment and subsequently.....          | \$ 2,356,218        |
|  |                  | Reserves—                                    |                     |
|  |                  | Replacement of Capital Assets.....           | 1,275,529           |
|  |                  |  | <u>3,631,747</u>    |
| DEBIT BALANCES IN SUSPENSE—                |                  | Deduct: Deficit—                             |                     |
|  | 61,523           | Surplus as at Jan. 1, 1956.....              | \$ 542,351          |
|  |                  | Add: Net Income for the year ended           |                     |
|  |                  | Dec. 31, 1956, per statement of              |                     |
|  |                  | Income and Expense.....                      | 248,327             |
|  |                  |  | <u>790,678</u>      |
| CAPITAL ASSETS—                            |                  | Less: Payment to Gov-                        |                     |
| (at cost or estimated cost)                |                  | ernment of 1955                              |                     |
| Real Estate.....                           | 21,876           | earnings.....                                | \$ 262,325          |
| Wharves and Piers.....                     | 535,682          | Establishment of                             |                     |
| Railway System.....                        | 42,189           | reserve for replace-                         |                     |
| Grain Elevator System.....                 | 1,967,350        | ment of Capital                              |                     |
| Office Furniture and Appliances.....       | 9,259            | Assets (\$1,214,425)                         |                     |
| Miscellaneous Small Plant.....             | 34,290           | less other sundry                            |                     |
| Works under Construction.....              | 79,955           | prior years' adjust-                         |                     |
|  | <u>2,690,611</u> | ments (\$1,429).....                         | \$ 1,212,906        |
|  |                  |  | <u>1,475,321</u>    |
|  |                  |  | 684,643             |
|  |                  |  | <u>2,947,104</u>    |
|  |                  |  | <u>\$ 3,061,844</u> |

NOTE: Since Jan. 1, 1937, when this elevator was placed under the Board's jurisdiction, the sum of \$3,003,294 has been paid to the Government out of earnings.

## PORT COLBORNE ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Grain Elevator System—

|                    |    |                   |            |
|--------------------|----|-------------------|------------|
| Elevation.....     | \$ | 631,947           |            |
| Storage.....       |    | 192,943           |            |
| Miscellaneous..... |    | 44,793            |            |
|                    |    | <u>          </u> | \$ 869,683 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |  |
|----------------------------|---------|--|
| Grain Elevator System..... | 531,375 |  |
|----------------------------|---------|--|

## Administrative—

|  |    |                   |        |
|--|----|-------------------|--------|
| Salaries.....  | \$ | 26,968            |        |
| Contributions to Public Service Superannuation Account.... |    | 10,788            |        |
| Office Expenses.....                                       |    | 3,433             |        |
| Other.....   |    | 15,514            |        |
|  |    | <u>          </u> | 56,703 |

588,078

NET OPERATING INCOME..... 281,605

## ADD OTHER INCOME—

|                    |                   |         |
|--------------------|-------------------|---------|
| Miscellaneous..... | 5,573             |         |
|                    | <u>          </u> | 287,178 |

## DEDUCT SPECIAL CHARGES—

|   |                   |        |
|---|-------------------|--------|
| Provision for Interest on Loans and Advances..... | 17                |        |
| Provision for Replacement of Capital Assets.....  | 38,187            |        |
| Other.....  | 647               |        |
|   | <u>          </u> | 38,851 |

NET INCOME..... \$ 248,327

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 1,855 linear feet of wharf providing four deepsea berths, with a depth of water alongside of 30 feet at low tide, a steel transit shed 476 feet long by 173 feet wide, a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time, railway tracks along the wharf, a locomotive crane of 15 tons capacity, a floating crane of 10 tons capacity, shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 67                      | 186,772                      |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 53                      | 149,222                      |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 45                      | 93,645                       |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 67                      | 186,922                      |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 54                      | 149,227                      |
| 1953.....          | 47                      | 127,553                      |
| 1952.....          | 44                      | 103,461                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|   | 1956                    |                              | 1955                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 48                      | 172,347                      | 38                      | 145,020                      |
| Coastal or inland commercial (including fishery)..... | 19                      | 14,425                       | 28                      | 15,267                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 67                      | 186,772                      | 66                      | 160,287                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 48                      | 172,347                      | 38                      | 145,020                      |
| Coastal or inland commercial (including fishery)..... | 19                      | 14,575                       | 28                      | 15,267                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 67                      | 186,922                      | 66                      | 160,287                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1956.....        | 2,589  | 487,510 | 490,099 |
| 1955.....        | 4,161  | 395,679 | 399,840 |
| 1954.....        | 4,622  | 374,544 | 379,166 |
| 1953.....        | 2,972  | 323,533 | 326,505 |
| 1952.....        | 8,529  | 257,420 | 266,082 |
| <i>Domestic—</i> |        |         |         |
| 1956.....        | 232    | 9,456   | 9,688   |
| 1955.....        | 3,581  | 7,128   | 10,709  |
| 1954.....        | 317    | 2,712   | 3,029   |
| 1953.....        | 290    | 3,229   | 3,519   |
| 1952.....        | 762    | 3,536   | 4,298   |
| <i>Total—</i>    |        |         |         |
| 1956.....        | 2,821  | 496,966 | 499,787 |
| 1955.....        | 7,742  | 402,807 | 410,549 |
| 1954.....        | 4,939  | 377,256 | 382,195 |
| 1953.....        | 3,262  | 326,762 | 330,024 |
| 1952.....        | 9,291  | 261,089 | 270,380 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1956, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1956.....         |            | 16,442,320 | 16,442,320 |
| 1955.....         |            | 13,175,257 | 13,175,257 |
| 1954.....         |            | 12,484,893 | 12,484,893 |
| 1953.....         |            | 10,784,446 | 10,784,446 |
| 1952.....         |            | 8,585,122  | 8,585,122  |
| <i>Via rail—</i>  |            |            |            |
| 1956.....         | 17,584,282 | 10,587     | 17,594,869 |
| 1955.....         | 15,075,776 | 145,156    | 15,220,932 |
| 1954.....         | 12,726,981 | 210,042    | 12,937,023 |
| 1953.....         | 11,478,118 | 207,429    | 11,685,547 |
| 1952.....         | 8,887,816  | 171,760    | 9,059,576  |
| <i>Total—</i>     |            |            |            |
| 1956.....         | 17,584,282 | 16,452,907 | 34,037,189 |
| 1955.....         | 15,075,776 | 13,320,413 | 28,396,189 |
| 1954.....         | 12,726,981 | 12,694,935 | 25,421,916 |
| 1953.....         | 11,478,118 | 10,991,875 | 22,469,993 |
| 1952.....         | 8,887,816  | 8,756,882  | 17,644,698 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a cost of \$106,895. The principal items were chipping and painting the marine railway; chipping and painting the hull and repairing the boiler and engine of the tug "Graham Bell"; painting and repairing small tug "Volunteer"; overhauling the diesel driven generator sets; repairing grain cleaning equipment and overhauling grain dumpers in the grain elevator; replacing timber sheathing on the face of the wharf and renewing flooring on the wharf, and extension of power lines.

## CAPITAL WORKS

Capital expenditures amounted to \$39,365. The principal items were:—

*Construction of Grain Elevator Addition.*—In June, 1954, a contract was awarded to Carter Construction Company Limited for the construction of a 2,500,000-bushel reinforced concrete storage addition to the grain elevator. About one-third of the work was finished that year and the balance, with the exception of a few minor items, was completed in 1955, and the storage addition was placed in operation. The work was completed in 1956.

*Installation of Intercommunicating Telephone System in Grain Elevator.*—A contract was awarded to Schumacker-MacKenzie Limited in June, 1955, for the installation of an intercommunicating telephone system in the new elevator extension and the replacement of the signal system in the existing elevator. Approximately 90% of the work was done in 1955. The balance was completed in 1956.

*Hough Payloader.*—One Model H F Hough payloader was purchased from The Carter Construction Company Limited to be used for filling in alongside the new grain elevator annex and general harbour work.

## INCOME AND EXPENSE

Operating income amounted to \$1,074,722, as compared with \$782,726 in 1955, the increase being \$291,996. Expenditures on operation and maintenance were \$745,554, as against \$710,606 in the previous year, showing an increase of \$34,948. Net operating income was \$329,168 in 1956, as compared with \$72,120 in 1955.

Previous to 1956, no provision for depreciation of capital assets was made in the accounts of Churchill harbour. After setting up a reserve of \$231,531 for this purpose, and charging interest on debt, there was an income surplus of \$10,010 in 1956. In 1955 (without depreciation), a surplus of \$10,721 was shown. Interest is charged on advances for capital expenditures since transfer to the Board in 1937, but not on the original capital outlay.

# Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1956

### ASSETS

| CURRENT—                                |                   |
|---|-------------------|
| Cash.....                               | \$ 437,618        |
| Accounts Receivable.....                | \$ 22,412         |
| Less: Provision for Doubtful Accounts.. | 18                |
| Accrued Income.....                     | 22,394            |
| Prepaid Expenses.....                   | 64,861            |
| Stores on Hand.....                     | 116,654           |
| Miscellaneous.....                      | 25,158            |
|   | <u>\$ 666,685</u> |
| SPECIAL FUND ASSETS—                    |                   |
| (cash \$3,025 bonds \$25,000)           |                   |
| Contractors' Security Deposits.....     | 28,025            |

PRELIMINARY CAPITAL EXPENSE..... 139

| CAPITAL ASSETS                        |                      |
|---------------------------------------|----------------------|
| (at cost or estimated cost)           |                      |
| Harbour Dredging.....                 | 952,699              |
| Real Estate.....                      | 60,278               |
| Miscellaneous Structures.....         | 149,933              |
| Wharves and Piers.....                | 1,272,131            |
| Permanent Sheds.....                  | 5,202,341            |
| Grain Elevator System.....            | 5,930                |
| Office Furniture and Appliances.....  | 719,561              |
| Harbour Buildings.....                | 13,300               |
| Harbour Shops.....                    | 885,042              |
| Electric Power System.....            | 429,053              |
| Water Supply System.....              | 799,716              |
| Floating Equipment.....               | 118,172              |
| Shore Equipment.....                  | 325,797              |
| Miscellaneous Small Plant.....        | 109,441              |
| Engineering—General Surveys.....      | 4,339,129            |
| Sundry Expenditure—Undistributed..... | 15,583,118           |
|                                       | <u>\$ 16,277,967</u> |

### LIABILITIES

| CURRENT   |               |
|---|---------------|
| Accounts Payable and Accrued Liabilities—General..... | \$ 25,201     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....        | 34,906        |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....          | 28,025        |
| DEFERRED INCOME.....                                  | 5,290         |
|   | <u>93,422</u> |

| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |               |
|--|---------------|
| Assets transferred to the Board on its establishment and Subsequently..... | \$ 12,867,802 |
| Loans and Advances.....  | 2,787,781     |
| Interest in arrears on Loans and Advances.....                             | 199,101       |

| Reserves—                          |                   |
|------------------------------------|-------------------|
| Replacement of Capital Assets..... | 4,737,490         |
|                                    | <u>20,592,174</u> |

| Deduct: Deficit—  |               |
|---|---------------|
| Surplus as at Jan. 1, 1956.....   | \$ 83,373     |
| Add: Net Income for the year ended Dec. 31, 1956 per statement of Income and Expense..... | 10,010        |
|   | <u>93,383</u> |

| Less: Establishment of reserve for replacement of capital assets (\$4,505,960) less other sundry prior years' adjustments (\$4,948)..... |                   |
|--|-------------------|
|  | <u>4,501,012</u>  |
|  | 4,407,629         |
|  | <u>16,184,545</u> |

\$ 16,277,967

### NOTE:

Since January 1, 1937, when this harbour was placed under the Board's jurisdiction the sum of \$1,082,461 has been provided through Parliamentary appropriations to cover operating deficits.

## HARBOUR OF CHURCHILL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |          |           |
|-----------------------|----------|-----------|
| Harbour Dues.....     | \$ 2,199 |           |
| Property Rentals..... | 57,872   |           |
| Miscellaneous.....    | 5,000    |           |
|                       |          | \$ 65,071 |

## Wharves and Piers—

|                   |        |        |
|-------------------|--------|--------|
| Top Wharfage..... | 36,804 |        |
| Dockage.....      | 9,939  |        |
|                   |        | 46,743 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 345,624 |         |
| Storage.....       | 265,908 |         |
| Miscellaneous..... | 138,017 |         |
|                    |         | 749,549 |

## Permanent Sheds—

|                             |         |              |
|-----------------------------|---------|--------------|
| Storage.....                | 20,741  |              |
| Miscellaneous Services..... | 192,618 |              |
|                             |         | \$ 1,074,722 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |         |         |
|--|---------|---------|
| Harbour (including \$17,090 for Dredging)..... | 62,923  |         |
| Wharves and Piers.....                         | 35,426  |         |
| Grain Elevator System.....                     | 381,556 |         |
| Permanent Sheds.....                           | 2,681   |         |
| Miscellaneous Services.....                    | 182,629 |         |
|  |         | 665,215 |

## Administrative—

|   |        |         |
|---|--------|---------|
| Salaries.....   | 43,884 |         |
| Contributions to Public Service Superannuation Account... | 4,661  |         |
| Office Expenses.....                                      | 5,429  |         |
| Other.....  | 26,365 |         |
|   |        | 80,339  |
|   |        | 745,554 |

NET OPERATING INCOME..... 329,168

## ADD OTHER INCOME—

|                    |    |         |
|--------------------|----|---------|
| Miscellaneous..... | 96 |         |
|                    |    | 329,264 |

## DEDUCT SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 87,705  |         |
| Provision for Replacement of Capital Assets.....  | 231,531 |         |
| Provision for Doubtful Accounts.....              | 18      |         |
|   |         | 319,254 |

NET INCOME..... \$ 10,010

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet which is now being increased to 40 feet. The National Harbours Board has piers, wharves and jetties with about 9,500 linear feet of berthing, providing 17 deepsea berths and three berths for coastal shipping, also six transit sheds with an aggregate floor area of about 576,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber and special dock with small ice plant and freezing equipment for the processing of fish. A 40-ton fixed derrick is installed on Lapointe Pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1956.....          | 33,031                  | 21,675,067                   |
| 1955.....          | 32,773                  | 20,136,443                   |
| 1954.....          | 32,981                  | 19,812,216                   |
| 1953.....          | 32,170                  | 20,229,047                   |
| 1952.....          | 30,470                  | 18,212,789                   |
| <i>Departures—</i> |                         |                              |
| 1956.....          | 32,788                  | 21,542,409                   |
| 1955.....          | 32,315                  | 20,121,377                   |
| 1954.....          | 32,357                  | 19,769,262                   |
| 1953.....          | 32,013                  | 20,198,821                   |
| 1952.....          | 30,279                  | 18,132,827                   |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1956, with comparison for 1955.

|  | 1956              |                        | 1955              |                        |
|--|-------------------|------------------------|-------------------|------------------------|
|  | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                       |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....                | 1,428             | 6,076,403              | 1,336             | 5,669,050              |
| Coastal or inland commercial (including fishery) ..... | 31,603            | 15,598,664             | 31,437            | 14,467,393             |
| Other .....  |                   |                        |                   |                        |
| <b>Total .....</b>                                     | <b>33,031</b>     | <b>21,675,067</b>      | <b>32,773</b>     | <b>20,136,443</b>      |
| <i>Departures—</i>                                     |                   |                        |                   |                        |
| Deepsea or ocean-going commercial .....                | 1,418             | 6,036,824              | 1,332             | 5,685,916              |
| Coastal or inland commercial (including fishery) ..... | 31,370            | 15,505,585             | 30,983            | 14,435,461             |
| Other .....  |                   |                        |                   |                        |
| <b>Total .....</b>                                     | <b>32,788</b>     | <b>21,542,409</b>      | <b>32,315</b>     | <b>20,121,377</b>      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1956, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1956 .....       | 1,657,486 | 5,765,332 | 7,422,818  |
| 1955 .....       | 1,296,580 | 3,835,817 | 5,132,397  |
| 1954 .....       | 1,631,905 | 4,271,172 | 5,903,077  |
| 1953 .....       | 2,731,087 | 4,068,348 | 6,799,435  |
| 1952 .....       | 2,890,121 | 4,388,582 | 7,278,703  |
| <i>Domestic—</i> |           |           |            |
| 1956 .....       | 3,638,407 | 2,300,079 | 5,938,486  |
| 1955 .....       | 3,821,188 | 2,031,427 | 5,852,615  |
| 1954 .....       | 3,650,004 | 1,935,994 | 5,585,998  |
| 1953 .....       | 3,256,366 | 1,780,732 | 5,037,098  |
| 1952 .....       | 2,921,508 | 1,899,331 | 4,820,839  |
| <i>Total—</i>    |           |           |            |
| 1956 .....       | 5,295,893 | 8,065,411 | 13,361,304 |
| 1955 .....       | 5,117,768 | 5,867,244 | 10,985,012 |
| 1954 .....       | 5,281,909 | 6,207,166 | 11,489,075 |
| 1953 .....       | 5,987,453 | 5,849,080 | 11,836,533 |
| 1952 .....       | 5,811,629 | 6,287,913 | 12,099,542 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1956, with comparison for 1955.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars and<br>Ties<br>(railway) | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Petroleum<br>Oil,<br>fuel | Petroleum<br>Oil,<br>crude | Sand<br>and<br>Gravel | Gasoline | Wood-pulp | Flour,<br>wheat | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Cement,<br>Common<br>or portland |
|------------------|-----------|---|--|---------------------------|----------------------------|-----------------------|----------|-----------|-----------------|--|----------------------------------|
| <i>Foreign—</i>  |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| Inward—          |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        |           | 9,574   | 8,941  | 414,756                   | .....                      | 97                    | 36,299   | 162       | 130             | 194,327  | 4,969                            |
| 1955.....        |           | 9,027   | 6,288  | 397,628                   | 5,748                      | 109                   | 38,347   | 427       | 144             | 88,360   | 1,282                            |
| Outward—         |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        | 3,566,876 | 39,213  | 336,923  | 21,004                    | 887,154                    | .....                 | 206,523  | 31,345    | 254,742         | 377  | 2                                |
| 1955.....        | 2,392,983 | 34,873  | 560,369  | .....                     | .....                      | .....                 | 107,977  | 29,066    | 268,670         | 1,266  | 236                              |
| <i>Domestic—</i> |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| Inward—          |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        |           | 1,001,871   | 734,267  | .....                     | .....                      | 793,914               | .....    | 292,809   | .....           | 1  | 176,203                          |
| 1955.....        |           | 1,131,409   | 538,253  | .....                     | .....                      | 655,031               | .....    | 290,660   | .....           | 259  | 163,750                          |
| Outward—         |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        |           | 107,425   | 32,478   | 512,541                   | .....                      | 9,858                 | 293,394  | 1,997     | 161             | 54,592   | 20,573                           |
| 1955.....        |           | 112,995   | 20,000   | 487,291                   | .....                      | 3,105                 | 243,827  | .....     | 228             | 1,618  | 19,832                           |
| <i>Totals—</i>   |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| Inward—          |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        |           | 1,011,445   | 743,208  | 414,756                   | .....                      | 794,011               | 36,299   | 292,971   | 130             | 194,228  | 181,172                          |
| 1955.....        |           | 1,140,436   | 544,541  | 397,628                   | 5,748                      | 655,140               | 38,347   | 291,087   | 144             | 88,619   | 165,032                          |
| Outward—         |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        | 3,566,876 | 146,638   | 369,401  | 533,545                   | 887,154                    | 9,858                 | 499,917  | 33,342    | 254,903         | 54,969   | 20,575                           |
| 1955.....        | 2,392,983 | 147,868   | 580,369  | 487,291                   | .....                      | 3,105                 | 351,804  | 29,066    | 268,898         | 2,844  | 20,068                           |
| Total—           |           |   |  |                           |                            |                       |          |           |                 |  |                                  |
| 1956.....        | 3,566,876 | 1,158,083   | 1,112,609  | 948,301                   | 887,154                    | 803,869               | 536,216  | 326,313   | 255,033         | 249,297  | 201,747                          |
| 1955.....        | 2,392,983 | 1,288,304   | 1,124,910  | 884,919                   | 5,748                      | 658,245               | 390,151  | 320,153   | 269,042         | 91,463   | 185,100                          |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Hog Fuel | Pulpwood | Motor Vehicles and Parts | Paper, newsprint | Kerosene | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Skeels, Strip and Tin Plate | Sugar, raw | Coal bituminous | Ores and Concentrates not otherwise specified | Machinery and Parts (except agricultural) | Lime   |
|------------------|----------|----------|--------------------------|------------------|----------|---|------------|-----------------|---|---|--------|
| <i>Foreign—</i>  |          |          |                          |                  |          |   |            |                 |   |   |        |
| Inward—          |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        |          |          | 77,268                   |                  | 73,671   | 101,982   | 100,204    |                 | 24,666  | 18,816                                    |        |
| 1955.....        |          |          | 62,806                   |                  | 40,937   | 54,267  | 89,760     |                 | 28,908  | 13,453                                    |        |
| Outward—         |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        |          | 181,529  | 2,867                    | 6,527            |          | 1,024   |            | 3,073           | 14,161  | 2,103                                     | 5      |
| 1955.....        |          | 200,542  | 3,255                    | 8,441            |          | 41  |            | 2,070           | 329   | 2,310                                     |        |
| <i>Domestic—</i> |          |          |                          |                  |          |   |            |                 |   |   |        |
| Inward—          |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        |          |          | 36,609                   | 153,454          |          | 900   |            |                 | 55,644  | 13,784                                    | 50,925 |
| 1955.....        |          |          | 15,809                   | 170,890          |          |   |            |                 | 59,134  | 7,526                                     | 55,558 |
| Outward—         |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        | 195,352  |          | 44,682                   |                  | 67,542   | 1,742   |            | 67,961          |   | 33,986                                    | 2,399  |
| 1955.....        | 205,640  | 16       | 21,943                   |                  | 62,523   | 1,589   |            | 49,075          |   | 14,526                                    | 1,100  |
| <i>Totals—</i>   |          |          |                          |                  |          |   |            |                 |   |   |        |
| Inward—          |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        |          |          | 113,877                  | 153,454          | 73,671   | 102,882   | 100,204    | 26,968          | 80,310  | 32,600                                    | 50,925 |
| 1955.....        |          |          | 78,615                   | 170,890          | 40,937   | 54,267  | 89,760     | 33,519          | 88,042  | 20,979                                    | 55,558 |
| Outward—         |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        | 195,352  | 181,529  | 47,549                   | 6,527            | 67,542   | 2,766   |            | 71,034          | 14,161  | 36,089                                    | 2,404  |
| 1955.....        | 205,640  | 200,558  | 25,198                   | 8,441            | 62,523   | 1,630   |            | 51,145          | 329   | 16,836                                    | 1,100  |
| <i>Total—</i>    |          |          |                          |                  |          |   |            |                 |   |   |        |
| 1956.....        | 195,352  | 181,529  | 161,426                  | 159,981          | 141,213  | 105,648   | 100,204    | 98,002          | 94,471  | 68,689                                    | 53,329 |
| 1955.....        | 205,640  | 200,558  | 103,813                  | 179,331          | 103,460  | 55,897  | 89,760     | 84,664          | 88,371  | 37,815                                    | 56,658 |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron or Steel Rails and Fastenings | Chemicals not otherwise specified | Paper not otherwise specified | Fish (including Shell-fish), canned or preserved | Fish (including Shell-fish), fresh or frozen | Beverages, alcoholic | Rock and Stone | Asbestos and Asbestos Manu-factures | Fertilizers and Fertilizer Materials | Hardware not otherwise specified | Zinc Ore |
|------------------|------------------------------------|-----------------------------------|-------------------------------|--|--|----------------------|----------------|-------------------------------------|--------------------------------------|----------------------------------|----------|
| <i>Foreign—</i>  |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| Inward—          |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | 35,892                             | 28,935                            | 3,935                         | 13,040   | 5,274  | 10,135               | 1,516          | 24,942                              | 2,271                                | 10,161                           | 28,002   |
| 1955.....        | 17,144                             | 33,880                            | 2,524                         | 3,328  | 5,767  | 9,541                | 1,168          | 14,144                              | 1,852                                | 4,864                            | 17,659   |
| Outward—         |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | .....                              | 5,436                             | 6,805                         | 16,877   | 512  | 3,271                | 1              | 10,365                              | 17,211                               | 139                              | .....    |
| 1955.....        | .....                              | 10,753                            | 8,026                         | 25,921   | 636  | 3,322                | 1              | 9,454                               | 27,462                               | 84                               | .....    |
| <i>Domestic—</i> |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| Inward—          |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | .....                              | .....                             | 19,265                        | 10,063   | 32,934                                       | 1,801                | 1,539          | 267                                 | 13,720                               | 5,941                            | 1,022    |
| 1955.....        | .....                              | .....                             | 62,449                        | 13,442   | 27,367                                       | 2,198                | 2,646          | 25                                  | 9,027                                | 1                                | .....    |
| Outward—         |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | 12,892                             | 13,692                            | 16,646                        | 6  | 13   | 21,484               | 33,314         | 323                                 | 1                                    | 14,000                           | .....    |
| 1955.....        | 10,687                             | 14,315                            | 14,733                        | 150  | 28   | 16,094               | 34,510         | 82                                  | 22                                   | 462                              | .....    |
| <i>Totals—</i>   |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| Inward—          |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | 35,892                             | 28,935                            | 23,200                        | 23,103   | 38,208                                       | 11,936               | 3,055          | 25,209                              | 15,991                               | 16,102                           | 29,024   |
| 1955.....        | 17,144                             | 33,880                            | 64,973                        | 16,770   | 33,134                                       | 11,739               | 3,814          | 14,169                              | 10,879                               | 4,865                            | 17,659   |
| Outward—         |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | 12,892                             | 19,128                            | 23,451                        | 16,883   | 525  | 24,755               | 33,315         | 10,688                              | 17,212                               | 14,139                           | .....    |
| 1955.....        | 10,687                             | 25,068                            | 22,759                        | 26,071   | 664  | 19,416               | 34,511         | 9,536                               | 27,484                               | 546                              | .....    |
| Total—           |                                    |                                   |                               |  |  |                      |                |                                     |                                      |                                  |          |
| 1956.....        | 48,784                             | 48,063                            | 46,651                        | 39,986   | 38,733                                       | 36,691               | 36,370         | 35,897                              | 33,203                               | 30,241                           | 29,024   |
| 1955.....        | 27,831                             | 58,948                            | 87,732                        | 42,841   | 33,798                                       | 31,155               | 38,325         | 23,705                              | 38,363                               | 5,411                            | 17,659   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Fruits,<br>fresh,<br>not<br>otherwise<br>specified | Salt   | Groceries<br>not<br>otherwise<br>specified | China-ware,<br>Earthen-<br>ware and<br>Porcelain-<br>ware | Sulphur | Petroleum<br>Oil,<br>refined<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Iron or<br>Steel,<br>structural | Dry<br>Goods<br>not<br>otherwise<br>specified | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers |
|------------------|---|--|--------|--|---|---------|---|--|---------------------------------|---|---|
| <i>Foreign—</i>  |   |  |        |  |   |         |   |  |                                 |   |   |
| Inward—          |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        |   | 26,315   | 18,441 | 6,016                                      | 24,443  | 10,474  | 12,573  | 16,538   | 16,256                          | 3,319   | 10,349  |
| 1955.....        |   | 12,487   | 14,066 | 5,966                                      | 16,915  | 8,821   | 15,893  | 14,656   | 10,689                          | 1,600   | 7,077   |
| Outward—         |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 22,291  | 16   |        | 124  | 219   | 4,175   | 42  | 303  | 353                             | 35  | 7,271   |
| 1955.....        | 55,381  | 56   | 25     | 188  | 62  | 2,378   | 11  | 284  | 280                             | 45  | 5,731   |
| <i>Domestic—</i> |   |  |        |  |   |         |   |  |                                 |   |   |
| Inward—          |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 47  |  |        | 5,939                                      |   |         |   | 287  | 70                              | 5,936   | 3,573   |
| 1955.....        | 21  |  |        |  | 39  |         |   | 308  | 15                              |   | 3,129   |
| Outward—         |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 5,625   | 73   | 7,762  | 13,866                                     | 988   | 10,337  | 12,040  | 6,949  | 7,170                           | 13,719  | 1,488   |
| 1955.....        | 6,028   | 53   | 11,155 | 868  | 756   | 10,604  | 12,790  | 4,999  | 3,061                           | 75  | 1,006   |
| <i>Totals—</i>   |   |  |        |  |   |         |   |  |                                 |   |   |
| Inward—          |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 47  | 26,315   | 18,441 | 11,955                                     | 24,443  | 10,474  | 12,573  | 16,825   | 16,326                          | 9,255   | 13,922  |
| 1955.....        | 21  | 12,487   | 14,066 | 5,966                                      | 16,954  | 8,821   | 15,893  | 14,964   | 10,704                          | 1,600   | 10,206  |
| Outward—         |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 27,916  | 89   | 7,762  | 14,090                                     | 1,207   | 14,512  | 12,082  | 7,252  | 7,823                           | 13,754  | 8,759   |
| 1955.....        | 61,409  | 109  | 11,180 | 1,056                                      | 818   | 12,982  | 12,801  | 5,283  | 3,341                           | 120   | 6,737   |
| Total—           |   |  |        |  |   |         |   |  |                                 |   |   |
| 1956.....        | 27,963  | 26,404   | 26,203 | 26,045                                     | 25,650  | 24,986  | 24,655  | 24,077   | 23,849                          | 23,009  | 22,681  |
| 1955.....        | 61,430  | 12,596   | 25,246 | 7,022                                      | 17,772  | 21,803  | 28,694  | 20,247   | 14,045                          | 1,720   | 16,943  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Petroleum<br>Briquettes | Glass<br>and<br>Glass<br>Manu-<br>factures | Mustard<br>Seed | Iron or<br>Steel<br>Wire<br>and Wire<br>Manu-<br>factures | Fish<br>Oils | Lead<br>and<br>Lead<br>Manu-<br>factures | Toys   | Coffee<br>Beans<br>and<br>Coffee<br>Prepara-<br>tions | Copra  | All<br>Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|-------------------------|--|-----------------|---|--------------|--|--------|---|--------|---|------------|
| <i>Foreign—</i>  |                         |  |                 |   |              |  |        |   |        |   |            |
| Inward—          |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | 20,698                  | 21,042                                     | .....           | 19,166  | 299          | 18                                       | 17,170 | 17,114  | 14,824 | 172,466                                       | 1,657,486  |
| 1955.....        | 19,803                  | 14,783                                     | .....           | 11,750  | 308          | 50                                       | 10,223 | 15,873  | 7,706  | 158,552                                       | 1,296,580  |
| Outward—         |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | .....                   | 68   | 20,896          | 234   | 5,571        | 17,564                                   | 88     | 92  | 569    | 69,356  | 5,765,332  |
| 1955.....        | .....                   | 43   | .....           | 55  | 4,276        | 7,436                                    | 55     | 37  | 1,125  | 60,302  | 3,835,817  |
| <i>Domestic—</i> |                         |  |                 |   |              |  |        |   |        |   |            |
| Inward—          |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | 510                     | .....                                      | .....           | 7   | 13,576       | 5  | .....  | .....   | .....  | 184,556                                       | 3,638,407  |
| 1955.....        | .....                   | .....                                      | .....           | 27  | 6,197        | 27                                       | .....  | .....   | .....  | 572,472                                       | 3,821,188  |
| Outward—         |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | .....                   | 74   | .....           | 382   | .....        | 21                                       | .....  | 16  | .....  | 660,415                                       | 2,300,079  |
| 1955.....        | .....                   | 47   | .....           | 731   | 5            | 22                                       | 2      | 19  | .....  | 642,815                                       | 2,031,427  |
| <i>Totals—</i>   |                         |  |                 |   |              |  |        |   |        |   |            |
| Inward—          |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | 21,208                  | 21,042                                     | .....           | 19,173  | 13,875       | 23                                       | 17,170 | 17,114  | 14,824 | 357,022                                       | 5,295,893  |
| 1955.....        | 19,803                  | 14,783                                     | .....           | 11,777  | 6,505        | 77                                       | 10,223 | 15,873  | 7,706  | 731,024                                       | 5,117,768  |
| Outward—         |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | .....                   | 142  | 20,896          | 616   | 5,571        | 17,585                                   | 88     | 108   | 569    | 729,771                                       | 8,065,411  |
| 1955.....        | .....                   | 90   | .....           | 786   | 4,281        | 7,458                                    | 57     | 56  | 1,125  | 703,117                                       | 5,867,244  |
| <i>Total—</i>    |                         |  |                 |   |              |  |        |   |        |   |            |
| 1956.....        | 21,208                  | 21,184                                     | 20,896          | 19,789  | 19,446       | 17,608                                   | 17,258 | 17,222  | 15,393 | 1,086,793                                     | 13,361,304 |
| 1955.....        | 19,803                  | 14,873                                     | .....           | 12,563  | 10,786       | 7,535                                    | 10,280 | 15,929  | 8,831  | 1,434,141                                     | 10,985,012 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1956, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1956.....         | 5,049   | 4,356    | 9,405     |
| 1955.....         | 4,634   | 5,258    | 9,892     |
| 1954.....         | 4,054   | 3,888    | 7,942     |
| 1953.....         | 2,615   | 2,555    | 5,170     |
| 1952.....         | 2,994   | 2,725    | 5,719     |
| <i>Coastwise—</i> |         |          |           |
| 1956.....         | 703,411 | 709,795  | 1,413,206 |
| 1955.....         | 639,130 | 649,731  | 1,288,861 |
| 1954.....         | 670,516 | 677,393  | 1,347,909 |
| 1953.....         | 712,738 | 757,771  | 1,470,509 |
| 1952.....         | 794,172 | 875,361  | 1,669,533 |
| <i>Total—</i>     |         |          |           |
| 1956.....         | 708,460 | 714,151  | 1,422,611 |
| 1955.....         | 643,764 | 654,989  | 1,298,753 |
| 1954.....         | 674,570 | 681,281  | 1,355,851 |
| 1953.....         | 715,353 | 760,326  | 1,475,679 |
| 1952.....         | 797,166 | 878,086  | 1,675,252 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1956, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1956.....         |             | 121,262,008 | 121,262,008 |
| 1955.....         |             | 82,542,693  | 82,542,693  |
| 1954.....         |             | 100,848,241 | 100,848,241 |
| 1953.....         |             | 103,884,278 | 103,884,278 |
| 1952.....         |             | 117,095,697 | 117,095,697 |
| <i>Via rail—</i>  |             |             |             |
| 1956.....         | 124,052,383 | 1,694,928   | 125,747,311 |
| 1955.....         | 79,104,543  | 1,507,721   | 80,612,264  |
| 1954.....         | 100,339,683 | 1,044,618   | 101,384,301 |
| 1953.....         | 113,203,504 | 1,832,251   | 115,035,755 |
| 1952.....         | 116,752,173 | 3,938,828   | 120,691,001 |
| <i>Via other—</i> |             |             |             |
| 1956.....         | 4,831       | 710,161     | 714,992     |
| 1955.....         | 75,396      | 604,187     | 679,583     |
| 1954.....         | 163,840     | 958,547     | 1,122,387   |
| 1953.....         | 115,795     | 2,292,677   | 2,408,472   |
| 1952.....         | 95,293      | 1,471,110   | 1,566,403   |
| <i>Total—</i>     |             |             |             |
| 1956.....         | 124,057,214 | 123,667,097 | 247,724,311 |
| 1955.....         | 79,179,939  | 84,654,601  | 163,834,540 |
| 1954.....         | 100,503,523 | 102,851,406 | 203,354,929 |
| 1953.....         | 113,319,299 | 108,009,206 | 221,328,505 |
| 1952.....         | 116,847,466 | 122,505,635 | 239,353,101 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance expenditures amounted to \$581,011. The principal items of work were completion of the replacement of 56-lb. rail on Granville island trackage with 85-lb. rail and the replacement of plank roads and railway crossings with asphalt; renewal of a portion of the mooring facilities and deck structure at no. 3 berth, no. 1 jetty; removal of siltation from North Shore marine basin; extensive rehabilitation of no. 2 grain elevator, and the renewal of roof on no. 4 grain elevator.

## CAPITAL WORKS

Capital expenditures amounted to \$533,462 of which \$344,352 was provided from revenues and \$49,214 provided from replacement fund. The principal items were:—

*Rehabilitation of Elevator No. 2.*—A contract was awarded to Commonwealth Construction Company Limited in December, 1955, for the rehabilitation of elevator no. 2. In October, 1956, the contract was amended to provide for the installation of additional grain cleaning equipment and the execution of other work not provided for in the original contract. With approximately 97% of the work completed the elevator was put into operation on December 1, 1956.

*Installation of Additional Cleaners, Elevator No. 3.*—Four new grain cleaning machines were bought from Northland Machinery Supply Company Limited and a contract for their installation in elevator No. 3 was awarded to Commonwealth Construction Company Limited in September, 1955. The work was completed in October, 1956.

*Installation of Flax Cleaners, Elevator No. 3.*—A contract was awarded to Northland Machinery Supply Company Limited in October, 1956, for the supply and installation of flax cleaners and auxiliary equipment in grain elevator no. 3. Preliminary work only was done during 1956.

*Additional Transformers, Elevator No. 3.*—Due to the installation of additional grain equipment, it was necessary to increase the load capacity of the electrical substation. In this connection, a contract was awarded to Bepco Canada Limited in March, 1956, for the supply of the required equipment, the installation of which is to be carried out by Board forces. Installation of this equipment has not been effected due to delay in delivery.

*Fish Oil Storage Tanks, Lapointe Pier.*—A contract was awarded to Pacific Steel Erectors Limited in February, 1956, for the supply and installation of eight additional 50,000-gallon fish oil storage tanks and equipment at Lapointe pier. The work was completed in June. In conjunction with the installation of these fish oil storage tanks, a contract was awarded to F. Drexel Company Limited for their insulation. Approximately 90% of the work had been completed at the end of the year.

*Replacement of Centre Float and Breakwater, North Shore Marine Basin.*—In June, 1956, a contract was awarded to Todd Construction Company Limited for the replacement of the centre float and breakwater at North Shore marine basin. The work was completed during 1956.



*Construction of Wharf and Float, North Shore Marine Basin.*—A contract was awarded to Eakins Construction Limited for the construction of a wharf and float at North Shore marine basin. The work was completed in 1956.

*Access Roadway, No. 3 Jetty.*—Arrangements were made for the supply of material and grading up to sub-base of the access roadway to no. 3 jetty from Rogers street following the north side of the CPR right-of-way and the east side of elevator No. 3. Preliminary work only was done during the year.

*Minor Items.*—Smaller capital items included the construction of a retaining wall alongside the depressed track serving no. 1 shed, Lapointe pier; installation of a sump pump in elevator No. 3, and the construction of a carpenter shop at Ballantyne pier.

## INCOME AND EXPENSE

Operating income was \$3,654,085, as compared with \$3,002,061 in 1955, the increase being \$652,024. Operating and maintenance expenses showed an increase of \$568,751, the comparable figures being \$2,392,875 in 1956 and \$1,824,124 in 1955. This unusually large increase was due to a considerable extent to an expenditure of \$392,000 for renovations to elevator No. 2. Net operating income amounted to \$1,261,210 in 1956, as compared with \$1,177,937 in the previous year.

After taking into account other income, and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$725,149, as compared with a surplus of \$504,974 in 1955.

# Harbour of Vancouver BALANCE SHEET AS AT DECEMBER 31, 1956

## HARBOUR OF VANCOUVER

101

| ASSETS  |               | LIABILITIES   |               |
|---|---------------|---|---------------|
| CURRENT—  |               | CURRENT—  |               |
| Cash.....   | \$ 591,155    | Accounts Payable and Accrued Liabilities—General..... | \$ 517,389    |
| Accounts Receivable.....                                | \$ 402,287    |   |               |
| Less: Provision for Doubtful Accounts.....              | 10,253        |   |               |
| Accrued Income.....                                     | 392,034       |   |               |
| Prepaid Expenses—                                       | 83,682        |   |               |
| Stores on Hand.....                                     | 34,720        | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....        | 28,724        |
|   | \$ 1,101,591  | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....          | 40,207        |
| RESERVE FUND ASSETS—                                    |               | CONTRACTORS' HOLDBACKS.....                           | 65,333        |
| (Cash \$110,271 Investments in bonds, at amortized cost |               | DEFERRED INCOME.....                                  | 138,552       |
| \$8,462,290 with market value of \$7,761,768)           |               | CREDIT BALANCES IN SUSPENSE.....                      | 77,182        |
| Replacement of Capital Assets.....                      | 8,329,113     |   | 867,387       |
| Fire and General Insurance.....                         | 241,272       |   |               |
| Special Maintenance.....                                | 9,176         |   |               |
|   | \$ 8,572,561  |   |               |
| SPECIAL FUND ASSETS—                                    |               |   |               |
| (Cash \$43,248 Bonds \$74,141)                          |               | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—       |               |
| Contractors' Security Deposits.....                     | 40,207        | Assets transferred to the Board on its establishment  |               |
| Other.....  | 77,182        | and subsequently.....                                 | \$ 2,661,404  |
|   | 117,389       | Loans and Advances.....                               | 22,192,700    |
| INVESTMENTS IN BONDS—                                   |               |   |               |
| (At amortized cost, market value \$523,250).....        | 536,502       |   |               |
|   | 5,940         |   |               |
| PRELIMINARY CAPITAL EXPENSE.....                        |               |   |               |
|   |               | Reserves—   |               |
| CAPITAL ASSETS—   |               | Replacement of Capital Assets.....                    | \$ 8,273,507  |
| (at cost or estimated cost)                             |               | Fire and General Insurance.....                       | 240,179       |
| Harbour Dredging.....                                   | 18,607        | Special Maintenance.....                              | 20,601        |
| Real Estate.....  | 7,072,202     |   | 8,534,287     |
| Roads, Fences and Boundaries.....                       | 354,504       |   | 33,358,391    |
| Sewers and Drains.....                                  | 16,549        |   |               |
| Miscellaneous Structures.....                           | 27,665        | Add: Surplus—   |               |
| Wharves and Piers.....                                  | 10,263,198    | Balance as at Jan. 1, 1956.....                       | 4,403,206     |
| Permanent Sheds.....                                    | 2,235,946     | Add: Prior Years' Adjustments                         | 267,191       |
| Railway System.....                                     | 44,483        | (Net).....  | 4,670,397     |
| Grain Elevator System.....                              | 8,307,661     |   |               |
| Cold Storage System.....                                | 107,561       |   |               |
| Office Furniture and Appliances.....                    | 44,262        |   |               |
| Harbour Buildings.....                                  | 177,787       |   |               |
| Harbour Shops.....                                      | 12,224        |   |               |
| Water Supply System.....                                | 53,848        |   |               |
| Floating Equipment.....                                 | 18,582        |   |               |
| Shore Equipment.....                                    | 313,002       | Add: Net Income for the year ended                    |               |
| Miscellaneous Small Plant.....                          | 52,508        | Dec. 31, 1956 per statement of                        |               |
| Works Under Construction.....                           | 166,752       | Income and Expense.....                               | 725,149       |
|   | 29,287,341    |   | 5,395,546     |
|   | \$ 39,621,324 |   | 38,753,937    |
|   |               |   | \$ 39,621,324 |

## HARBOUR OF VANCOUVER

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

## OPERATING INCOME—

## Harbour—

|                       |            |              |
|-----------------------|------------|--------------|
| Harbour Dues.....     | \$ 180,371 |              |
| Cargo Rates.....      | 620,389    |              |
| Handling.....         | 1,063,639  |              |
| Property Rentals..... | 291,800    |              |
| Miscellaneous.....    | 27,748     |              |
|                       |            | \$ 2,183,947 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 462,878 |         |
| Berthage.....            | 279,283 |         |
| Wharf Space Rentals..... | 44,413  |         |
| Miscellaneous.....       | 29,312  |         |
|                          |         | 815,886 |

## Grain Elevator System—

|              |  |         |
|--------------|--|---------|
| Rentals..... |  | 363,205 |
|--------------|--|---------|

## Cold Storage System—

|                    |        |        |
|--------------------|--------|--------|
| Storage.....       | 3,242  |        |
| Miscellaneous..... | 42,434 |        |
|                    |        | 45,676 |

## Permanent Sheds—

|                    |        |         |
|--------------------|--------|---------|
| Shed Rentals.....  | 83,509 |         |
| Storage.....       | 78,361 |         |
| Miscellaneous..... | 4,263  |         |
|                    |        | 166,133 |

|                             |        |              |
|-----------------------------|--------|--------------|
| Miscellaneous Services..... | 79,238 |              |
|                             |        | \$ 3,654,085 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$961,325 for handling)..... | 1,193,052 |           |
| Wharves and Piers.....                          | 194,639   |           |
| Grain Elevator System.....                      | 423,079   |           |
| Cold Storage System.....                        | 36,139    |           |
| Permanent Sheds.....                            | 263,277   |           |
| Miscellaneous Services.....                     | 72,302    |           |
|   |           | 2,182,488 |

## Administrative—

|  |        |         |
|--|--------|---------|
| Salaries.....  | 96,081 |         |
| Contributions to Public Service Superannuation Account.... | 32,127 |         |
| Office Expenses.....                                       | 9,078  |         |
| Other.....   | 73,101 |         |
|  |        | 210,387 |

2,392,875

|                           |           |
|---------------------------|-----------|
| NET OPERATING INCOME..... | 1,261,210 |
|---------------------------|-----------|

## ADD OTHER INCOME—

|   |         |           |
|---|---------|-----------|
| Income from Investments (less \$9,522 applicable to Reserve Funds)..... | 266,897 |           |
| Miscellaneous.....  | 115,715 |           |
|   |         | 382,612   |
|   |         | 1,643,822 |

## DEDUCT SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 608,488 |         |
| Provision for Replacement of Capital Assets.....  | 310,170 |         |
| Other.....  | 15      |         |
|   |         | 918,673 |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 725,149 |
|-----------------|------------|

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1956

#### INCOME—

|   |                   |
|---|-------------------|
| Assessments.....  | \$ 277,486        |
| Income from Workmen's Compensation Fund Investment (less \$31,419 applicable to Reserve)..... | —                 |
|   | <u>\$ 277,486</u> |

#### EXPENSE—

|   |                   |
|---|-------------------|
| Salaries of Board Members and Executive Officers.....       | 89,460            |
| Other Salaries.....   | 109,405           |
| Contributions to Public Service Superannuation Account..... | 15,072            |
| Office Expenses.....  | 19,102            |
| Travelling Expenses.....                                    | 11,275            |
| Advertising.....  | 4,663             |
| Treasury Office—Salaries and Expenses.....                  | 28,509            |
|   | <u>\$ 277,486</u> |



Head Office, Ottawa

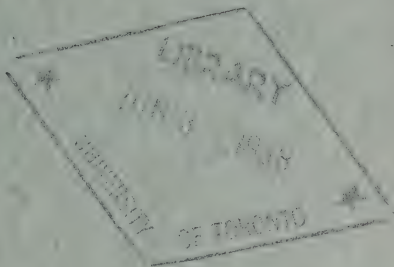
BALANCE SHEET AS AT DECEMBER 31, 1956

| ASSETS  |           | LIABILITIES   |                            |
|---|-----------|---|----------------------------|
| CURRENT—  | CURRENT—  |   |                            |
| Cash.....   | 3,411     | Accounts Payable and Accrued Liabilities—General..... | 1,000                      |
| RESERVE FUND ASSETS—  |           |   |                            |
| (Cash \$63,550; investment in bonds at amortized cost \$1,030,353 |           | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—       |                            |
| with market value of \$954,847; less accounts payable, \$42,620)  |           | Reserves—   |                            |
| Workmen's Compensation.....                                       | 1,051,283 | Replacement of Capital Assets.....                    | 9,323                      |
|   |           | Workmen's Compensation.....                           | 1,051,283                  |
| CAPITAL ASSETS—   |           |   | 1,060,606                  |
| (at cost)   |           |   |                            |
| Office Furniture and Appliances.....                              | 18,646    |   |                            |
|   |           | Add: Surplus—   |                            |
|   |           | Balance as at Jan. 1, 1956.....                       | 13,207                     |
|   |           | Less:   |                            |
|   |           | Prior Years' Adjustments (Net)....                    | 1,473                      |
|   |           |   | 11,734                     |
|   |           |   | 1,072,340                  |
|   |           |   | <u>\$ 1,073,340</u>        |
|   |           |   | <u><u>\$ 1,073,340</u></u> |





2A1 T66  
-A56



ANNUAL REPORT  
OF THE  
**NATIONAL HARBOURS  
BOARD**

For Calendar Year

**1957**

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1958

Price, 25 cents







ANNUAL REPORT  
OF THE  
NATIONAL HARBOURS  
BOARD

For Calendar Year  
1957

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1958

Price 25 cents. Cat. No. TH1-57  
Available from the Queen's Printer  
Ottawa, Canada

## NATIONAL HARBOURS BOARD

### Members of Board

|                        |                |
|------------------------|----------------|
| M. Archer, P. Eng..... | Chairman.      |
| R. J. Rankin.....      | Vice-Chairman. |
| E. J. Alton.....       | Member.        |
| C. H. Malcolm.....     | Member.        |

### Head Office Officials

|                             |  |
|-----------------------------|--|
| W. C. Perron.....           | Executive Director<br>and Traffic Officer. |
| T. M. Bryson, M.B.E.....    | Secretary.                                 |
| Roger St. Jean.....         | Assistant Secretary.                       |
| L. R. Stratton, P. Eng..... | Chief Engineer.                            |
| J. F. Finlay.....           | Legal Adviser.                             |

### Port Officials

|                    |                              |                 |
|--------------------|------------------------------|-----------------|
| Halifax.....       | J. R. Mitchell.....          | Port Manager.   |
| Saint John.....    | D. M. Vye, P. Eng.....       | Port Manager.   |
| Chicoutimi.....    | Albert Maltais.....          | Port Manager.   |
| Quebec.....        | Louis Beaudry, P. Eng.....   | Port Manager.   |
| Three Rivers.....  | L. St. Pierre.....           | Port Manager.   |
| Montreal.....      | Guy Beaudet, P. Eng.....     | Port Manager.   |
| Prescott.....      | Neil McKay.....              | Superintendent. |
| Port Colborne..... | C. A. Bennett.....           | Superintendent. |
| Churchill.....     | H. M. Wilson.....            | Port Manager.   |
| Vancouver.....     | B. D. L. Johnson, O.B.E..... | Port Manager.   |



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 27   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 62   |
| Jacques Cartier Bridge.....          | 79   |
| Prescott Elevator.....               | 82   |
| Port Colborne Elevator.....          | 85   |
| Harbour of Churchill.....            | 88   |
| Harbour of Vancouver.....            | 93   |
| Head Office, Ottawa.....             | 105  |

## NATIONAL HARBOURS BOARD

OTTAWA, March 18, 1958

To the Honourable GEORGE HEES, M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-second annual report of the National Harbours Board, covering the operations for the calendar year 1957, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

### SHIPPING

Vessel arrivals in 1957 numbered 49,421, the aggregate net registered tonnage being 49,648,800. The comparable figures for 1956 were 51,583 vessels, aggregating 50,355,977 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

#### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 49,421                  | 49,648,800                   |
| 1956.....          | 51,583                  | 50,355,977                   |
| 1955.....          | 50,081                  | 46,693,486                   |
| 1954.....          | 50,891                  | 45,493,111                   |
| 1953.....          | 49,961                  | 45,307,299                   |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 49,031                  | 49,626,254                   |
| 1956.....          | 51,332                  | 50,222,995                   |
| 1955.....          | 49,585                  | 46,618,688                   |
| 1954.....          | 50,287                  | 45,524,099                   |
| 1953.....          | 49,793                  | 45,266,722                   |

(Exclusive of Naval Vessels)

### CARGO TONNAGE

Aggregate cargo tonnage in 1957 was 46,676,164 as compared with 50,469,532 in 1956, the decrease being 3,793,368 tons or 7.5%.

Grain traffic showed a decrease from the previous year, dropping from 13,460,731 tons in 1956 to 10,456,471, a decrease of 3,004,260 tons or approximately 22%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in fuel oil, bituminous coal, pulpwood, wheat flour, newsprint, sand and gravel, asbestos, motor vehicles and parts, iron and steel scrap

and iron and steel billets. Decreases were shown in crude petroleum, gypsum, gasoline, lumber, logs, cement, raw sugar, wood-pulp, ores and concentrates, iron and steel bands and bars and iron and steel tubes and pipes.

Foreign inward traffic decreased 638,835 tons or 6%, and foreign outward traffic decreased 1,250,912 tons, or 7%, compared with 1956. Domestic traffic inward decreased 1,408,529 tons, or 10%, and domestic traffic outward decreased 495,092 tons, or 6%, compared with 1956.

The following statement summarizes the volume of water-borne cargo tonnage in 1957 and the four previous years:

### CARGO TONNAGE—SUMMARY

Basis Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1957.....        | 10,490,379 | 15,964,867 | 26,455,246 |
| 1956.....        | 11,129,214 | 17,215,779 | 28,344,993 |
| 1955.....        | 9,109,439  | 12,667,521 | 21,776,960 |
| 1954.....        | 9,602,314  | 11,453,275 | 21,055,589 |
| 1953.....        | 9,932,746  | 13,532,387 | 23,465,133 |
| <i>Domestic—</i> |            |            |            |
| 1957.....        | 12,692,504 | 7,528,414  | 20,220,918 |
| 1956.....        | 14,101,033 | 8,023,506  | 22,124,539 |
| 1955.....        | 13,613,873 | 7,023,989  | 20,637,862 |
| 1954.....        | 13,426,140 | 6,409,124  | 19,835,264 |
| 1953.....        | 12,817,184 | 6,242,920  | 19,060,104 |
| <i>Total—</i>    |            |            |            |
| 1957.....        | 23,182,883 | 23,493,281 | 46,676,164 |
| 1956.....        | 25,230,247 | 25,239,285 | 50,469,532 |
| 1955.....        | 22,723,312 | 19,691,510 | 42,414,822 |
| 1954.....        | 23,023,454 | 17,862,399 | 40,890,853 |
| 1953.....        | 22,749,930 | 19,775,307 | 42,525,237 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### INCOME AND EXPENSES

Operating income in 1957 amounted to \$23,303,811 as compared with \$24,057,779 in the previous year. The decrease was \$753,968.

Expenses of administration, operation and maintenance in 1957 were \$14,270,611, as against \$14,366,362 in the previous year, a decrease of \$95,751.

Salaries and wages amounted to \$8,986,000, as compared with \$8,440,000 in 1956. Retirement benefits for employees cost \$345,000 by way of contribution to the Public Service Superannuation Account.

Grants to municipalities for services rendered to Board properties for 1957 amounted to \$416,500, paid under arrangements effective for the five-year period ending in 1959.

Maintenance expenses in 1957 were \$3,596,618, as compared with \$3,899,000 in the previous year, a decrease of \$302,382.

Net operating income was \$9,033,200, as against \$9,691,417 in 1956, a decrease of \$658,217.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1957 resulted in net income of \$1,325,102, as compared with \$2,304,337 in 1956, a decrease of \$979,235.

The following is a comparative consolidated income statement for each of the years 1953 to 1957 inclusive:

## COMPARATIVE CONSOLIDATED INCOME STATEMENT

| —                                       | 1957       | 1956       | 1955       | 1954       | 1953       |
|---|------------|------------|------------|------------|------------|
|   | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....                   | 23,303,811 | 24,057,779 | 21,183,718 | 20,258,671 | 21,032,018 |
| OPERATING AND MAINTENANCE EXPENSES..... | 14,270,611 | 14,366,362 | 12,060,296 | 11,519,484 | 11,703,248 |
| Net Operating Income.....               | 9,033,200  | 9,691,417  | 9,123,422  | 8,739,187  | 9,328,770  |
| MISCELLANEOUS CREDITS (Net).....        | 1,642,147  | 1,469,209  | 1,173,149  | 1,076,593  | 946,514    |
| Total Income.....                       | 10,675,347 | 11,160,626 | 10,296,571 | 9,815,780  | 10,275,284 |
| INTEREST DUE PUBLIC.....                |            |            |            | 58         | 175        |
|   | 10,675,347 | 11,160,626 | 10,296,571 | 9,815,722  | 10,275,109 |
| OTHER INCOME REQUIREMENTS—              |            |            |            |            |            |
| Provision for—                          |            |            |            |            |            |
| Replacement of Capital Assets..         | 3,107,787  | 3,047,745  | 2,596,083  | 2,510,859  | 2,478,530  |
| Interest due Government.....            | 6,242,458  | 5,808,544  | 5,678,625  | 5,512,750  | 5,390,065  |
|   | 9,350,245  | 8,856,289  | 8,274,708  | 8,023,609  | 7,868,595  |
| Net Income.....                         | 1,325,102  | 2,304,337  | 2,021,863  | 1,792,113  | 2,406,514  |

The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

| —               |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|-----------------|------|---------------------|-----------------------|----------------------------|
|                 |      | \$                  | \$                    | \$                         |
| Halifax.....    | 1953 | 1,671,954           | 1,224,866             | 447,088                    |
|                 | 1954 | 1,665,862           | 1,208,840             | 457,022                    |
|                 | 1955 | 1,988,469           | 1,363,173             | 625,296                    |
|                 | 1956 | 1,909,248           | 1,434,250             | 474,998                    |
|                 | 1957 | 1,947,120           | 1,432,788             | 514,332                    |
| Saint John..... | 1953 | 864,760             | 697,702               | 167,058                    |
|                 | 1954 | 755,026             | 743,135               | 11,891                     |
|                 | 1955 | 875,819             | 845,450               | 30,369                     |
|                 | 1956 | 965,767             | 910,423               | 55,344                     |
|                 | 1957 | 947,312             | 880,078               | 67,234                     |
| Chicoutimi..... | 1953 | 94,202              | 49,680                | 44,522                     |
|                 | 1954 | 101,304             | 29,523                | 71,781                     |
|                 | 1955 | 105,651             | 33,150                | 72,501                     |
|                 | 1956 | 110,108             | 27,944                | 82,164                     |
|                 | 1957 | 110,534             | 32,022                | 78,512                     |
| Quebec.....     | 1953 | 1,829,632           | 1,447,599             | 382,033                    |
|                 | 1954 | 1,771,347           | 1,376,327             | 395,020                    |
|                 | 1955 | 1,908,450           | 1,368,339             | 540,111                    |
|                 | 1956 | 2,078,286           | 1,955,500             | 122,786                    |
|                 | 1957 | 1,972,806           | 1,929,407             | 43,399                     |



|  |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|--|------|---------------------|-----------------------|----------------------------|
|  |      | \$                  | \$                    | \$                         |
| Three Rivers.....                      | 1953 | 320,823             | 83,040                | 237,783                    |
|  | 1954 | 344,180             | 52,668                | 291,512                    |
|  | 1955 | 349,418             | 74,556                | 274,862                    |
|  | 1956 | 393,156             | 179,035               | 214,121                    |
|  | 1957 | 406,177             | 69,407                | 336,770                    |
| Montreal.....                          | 1953 | 9,064,500           | 4,945,382             | 4,119,118                  |
|  | 1954 | 8,166,370           | 4,609,110             | 3,557,260                  |
|  | 1955 | 8,308,616           | 4,680,740             | 3,627,876                  |
|  | 1956 | 9,761,604           | 5,365,474             | 4,396,130                  |
|  | 1957 | 8,670,352           | 5,457,114             | 3,213,238                  |
| Jacques Cartier Bridge (Montreal)..... | 1953 | 1,734,087           | 206,563               | 1,527,524                  |
|  | 1954 | 1,811,523           | 220,917               | 1,590,606                  |
|  | 1955 | 2,100,393           | 233,000               | 1,867,393                  |
|  | 1956 | 2,154,240           | 278,257               | 1,875,983                  |
|  | 1957 | 2,228,438           | 318,392               | 1,910,046                  |
| Prescott.....                          | 1953 | 635,565             | 249,378               | 386,187                    |
|  | 1954 | 1,035,271           | 397,744               | 637,527                    |
|  | 1955 | 995,449             | 430,200               | 565,249                    |
|  | 1956 | 1,086,880           | 488,972               | 597,908                    |
|  | 1957 | 1,089,935           | 502,142               | 587,793                    |
| Port Colborne.....                     | 1953 | 1,048,208           | 565,268               | 482,940                    |
|  | 1954 | 799,384             | 493,400               | 305,984                    |
|  | 1955 | 766,666             | 496,958               | 269,708                    |
|  | 1956 | 869,683             | 588,078               | 281,605                    |
|  | 1957 | 732,607             | 470,134               | 262,473                    |
| Churchill.....                         | 1953 | 621,027             | 544,747               | 76,280                     |
|  | 1954 | 732,762             | 623,026               | 109,736                    |
|  | 1955 | 782,726             | 710,606               | 72,120                     |
|  | 1956 | 1,074,722           | 745,554               | 329,168                    |
|  | 1957 | 1,097,120           | 918,842               | 178,278                    |
| Vancouver.....                         | 1953 | 3,147,259           | 1,689,025             | 1,458,234                  |
|  | 1954 | 3,075,642           | 1,764,794             | 1,310,848                  |
|  | 1955 | 3,002,061           | 1,824,124             | 1,177,937                  |
|  | 1956 | 3,654,085           | 2,392,875             | 1,261,210                  |
|  | 1957 | 4,101,410           | 2,260,285             | 1,841,125                  |
| All Units.....                         | 1953 | 21,032,018          | 11,703,248            | 9,328,770                  |
|  | 1954 | 20,258,671          | 11,519,484            | 8,739,187                  |
|  | 1955 | 21,183,718          | 12,060,296            | 9,123,422                  |
|  | 1956 | 24,057,779          | 14,366,362            | 9,691,417                  |
|  | 1957 | 23,303,811          | 14,270,611            | 9,033,200                  |

### CHANGES IN TARIFF

No important changes in harbour tariffs were made in 1957. A few minor adjustments took place, relating to increases in service charges brought about by higher labour costs.

### CAPITAL EXPENDITURES

Expenditures on capital account in 1957 totalled \$18,494,983. Of this amount, \$16,703,492 has been or will be financed by advances from the Government, bearing interest at  $4\frac{3}{8}\%$  per annum; \$326,265 was provided from replacement funds; and \$1,465,226 from revenue.

The distribution of capital expenditures, by places, is as follows:

*From Borrowings—*

|                   |              |            |
|-------------------|--------------|------------|
| Halifax.....      | \$ 2,124,686 |            |
| Saint John.....   | 394,667      |            |
| Quebec.....       | 1,998,106    |            |
| Three Rivers..... | 227,526      |            |
| Montreal.....     | 11,578,032   |            |
| Churchill.....    | 240,050      |            |
| Vancouver.....    | 140,425      | 16,703,492 |

*From Replacement Funds—*

|                |         |         |
|----------------|---------|---------|
| Halifax.....   | 191,670 |         |
| Montreal.....  | 110,870 |         |
| Churchill..... | 23,725  | 326,265 |

*From Revenues—*

|                             |         |                      |
|-----------------------------|---------|----------------------|
| Jacques Cartier Bridge..... | 624,040 |                      |
| Vancouver.....              | 841,186 | 1,465,226            |
|                             |         | <u>\$ 18,494,983</u> |

Major construction projects completed or in progress during 1957 included new or improved wharves at Halifax, Quebec, Montreal, Vancouver and Churchill; transit sheds at Halifax, Saint John, Three Rivers and Montreal; improvements in grain loading facilities at Halifax; changes and additions to the grain elevator system at Montreal; installation of grain elevator equipment at Vancouver; expansion of the electrical system at Quebec and Montreal; improvements to the cold storage warehouse at Montreal; installation of a cargo crane at Vancouver; dredging to improve and create new channels at Montreal; improvements of the south shore approaches, Jacques Cartier bridge; construction of piers and fill for the bridge at Nun's Island. Uncompleted work at the end of the year on major contracts amounted to upwards of \$23,000,000.

The book value of capital assets as at December 31, 1957, was \$280,410,915.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1957, and also the amounts paid to the Treasury from Board funds:

*Amounts Required from Government—*

|                           |                      |
|---------------------------|----------------------|
| Capital expenditures..... | <u>\$ 16,703,492</u> |
|---------------------------|----------------------|

*Amounts Paid to Government—*

|                            |                     |
|----------------------------|---------------------|
| Interest on Advances.....  | 3,401,519           |
| Repayment of advances..... | 131,951             |
|                            | <u>\$ 3,533,470</u> |

## RESERVE FUNDS

As at December 31, 1957, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$53,787,538, the increase in the year being \$3,786,765.

The reserves consist of cash on deposit with the Receiver General, \$731,729, and investments in authorized securities, book value \$53,079,809, market value \$50,781,682 (less accounts payable \$24,000). In addition, miscellaneous funds were held in the amount of \$85,311, represented by cash on deposit with the Receiver General, \$21,049, and authorized investments, book value \$64,262, market value \$61,561.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$3,067,419 book value, market value \$3,065,928.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1957, and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

---

Since the date of our last report, the Board lost the services of B. J. Roberts, C.B.E., Chairman, who was appointed to the position of President of the St. Lawrence Seaway Authority. The Board also lost the services, through retirement, of Alexander Ross, Superintendent at the Prescott Elevator, and F. W. G. Sergant, Assistant Port Manager and Port Secretary at the harbour of Vancouver.

Mr. Roberts relinquished his position on January 31, 1958. Prior to becoming Chairman in 1955, he was a Member of the Board since its inception in 1936. His Government service dates from 1917, during which time he served in various capacities with the Department of Finance and was Assistant Deputy Minister when he was called to the National Harbours Board. He served as a member on various boards and on Royal Commissions and was Financial Adviser to the British Commonwealth Air Training Plan during the last war. For over forty years, including the arduous war period, he carried out his duties with distinction and a high sense of public duty.

Alexander Ross retired January 24, 1958, having served with the Board since its formation in 1936. Mr Ross held various positions in the Grain Elevator Departments in Halifax, N.S., Port Colborne, Ont., and Prescott, Ont., where he became Superintendent in 1947. His tenure of office as Superintendent was marked by competent and devoted service.

Mr. F. W. G. Sergant retired January 8, 1958, after nearly twenty-two years' service with the Board. He was appointed Port Secretary of the harbour of Vancouver in 1938 and was appointed Assistant Port Manager and Port Secretary in 1955. His thorough knowledge of the facilities and local conditions enabled him to carry out his duties with competence.

The Board also wishes to record the retirement of Mr. R. E. Davis, C.P.A. from the Department of Finance as Chief Treasury Officer of the Board. He held this position for ten years, during which time he served the Board's interests with the utmost diligence and efficiency.

Regretting their severance, the Board is pleased to pay tribute to the valuable contribution which these officials have made.

Respectfully submitted,

M. ARCHER,  
*Chairman.*

R. J. RANKIN,  
*Vice-Chairman.*

E. J. ALTON,  
C. H. MALCOLM,  
*Members.*

T. M. BRYSON,  
*Secretary.*



# NATIONAL HARBOURS BOARD

(Established by the National Harbours Board Act)

## BALANCE SHEET AS AT DECEMBER 31, 1957

### ASSETS

|                                       |                  |
|---------------------------------------|------------------|
| CURRENT—                              |                  |
| Cash.....                             | \$ 4,571,317     |
| Accounts Receivable.....              | \$ 2,180,905     |
| Less: Provision for Doubtful Accounts | 15,392           |
|                                       | <u>2,165,513</u> |
| Accrued Income.....                   | 758,738          |
| Prepaid Expenses—                     |                  |
| Stores on Hand.....                   | 1,165,819        |
| Other.....                            | <u>20,598</u>    |
|                                       | 1,186,417        |
| Miscellaneous.....                    | <u>72,921</u>    |
|                                       | \$ 8,754,906     |
| DUE FROM THE PROVINCE OF QUEBEC—      |                  |
| Under Agreement to Share Jacques      |                  |
| Cartier Bridge Deficits.....          | <u>744,425</u>   |

### RESERVE FUND ASSETS—

|  |                  |
|--|------------------|
| (Cash, \$731,729; bonds, at amortized cost, \$53,079,809, market value, \$50,781,682; less accounts payable, \$24,000) held for: |                  |
| Replacement of Capital Assets.....   | 48,975,780       |
| Fire and General Insurance.....  | 3,058,209        |
| Workmen's Compensation.....  | <u>1,156,355</u> |
| Special Maintenance.....   | <u>597,194</u>   |
|  | 53,787,538       |

### SPECIAL FUND ASSETS—

|   |                  |
|---|------------------|
| (Cash, \$927,638; bonds, \$1,178,506) held for: |                  |
| Contractors' Security Deposits.....             | 2,020,833        |
| Other.....                                      | <u>85,311</u>    |
|   | 2,106,144        |
| INVESTMENT IN BONDS AT AMORTIZED COST—          |                  |
| (market value, \$3,065,928).....                | <u>3,067,419</u> |

### LIABILITIES

|  |                    |
|--|--------------------|
| ACCOUNTS PAYABLE AND ACCRUED LIABILITIES—GENERAL.....                      | \$ 1,091,871       |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 3,331,593          |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 2,020,833          |
| CONTRACTORS' HOLDBACKS.....  | <u>1,331,335</u>   |
|  | 348,816            |
| DEFERRED INCOME.....   |                    |
| CREDIT BALANCES IN SUSPENSE.....   | <u>85,311</u>      |
|  | 8,209,759          |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |                    |
| Assets transferred to the Board on its establishment and subsequently..... | \$ 56,158,740      |
| Loans and Advances.....  | <u>224,112,581</u> |
| Interest in Arrears on Loans and Advances.....                             | 45,493,986         |
| Reserves—  |                    |
| Replacement of Capital Assets.....   | \$ 77,490,459      |
| Fire and General Insurance.....  | 3,058,209          |
| Workmen's Compensation.....  | <u>1,156,355</u>   |
| Special Maintenance.....   | <u>608,829</u>     |
|  | 82,313,852         |
|  | <u>408,079,159</u> |

# NATIONAL HARBOURS BOARD

13

DEFERRED CHARGE—  
Unamortized balance of bond discount and redemption expense  
(Jacques Cartier Bridge).....

725, 782

PRELIMINARY CAPITAL EXPENSE.....

67, 939

DEBIT BALANCES IN SUSPENSE.....

146, 824

CAPITAL ASSETS—

(at cost or estimated cost)

Harbour Dredging..... 12, 206, 828  
Real Estate..... 12, 538, 056  
Vehicular Bridges..... 201, 976  
Roads, Fences and Boundaries..... 2, 318, 612  
Sewers and Drains..... 830, 429  
Miscellaneous Structures..... 724, 665  
Wharves and Piers..... 103, 609, 065  
Permanent Sheds..... 30, 229, 586  
Shed Hoists and Electric Cranes..... 406, 545  
Railway Systems..... 6, 611, 955  
Grain Elevator Systems..... 49, 226, 388  
Cold Storage Systems..... 6, 186, 553  
Office Furniture and Appliances..... 266, 830  
Harbour Buildings..... 2, 486, 685  
Central Heating Plants..... 128, 303  
Harbour Shops..... 321, 066  
Electric Power Systems..... 2, 243, 124  
Water Supply Systems..... 1, 077, 803  
Floating Equipment..... 1, 873, 456  
Shore Equipment..... 1, 265, 599  
Miscellaneous Small Plant..... 629, 643  
Engineering—General Surveys..... 127, 307  
Works under Construction..... 20, 476, 931  
Sundry Expenditure—Undistributed..... 4, 339, 129  
Bridge Construction and Right-of-Way, etc..... 20, 084, 381

280, 410, 915

\$349, 811, 892

Certified Correct:

T. M. BRYSON  
Secretary

Approved:

M. ARCHER  
Chairman

Deduct: Deficit—

Balance as at Jan. 1, 1957..... 67, 680, 751  
Add: Prior Years' Adjustments..... 121, 377

67, 802, 128

Less: Net Income for the year  
ended Dec. 31, 1957 per state-  
ment of Income and Expense..... 1, 325, 102

66, 477, 026

341, 602, 133

\$349, 811, 892

Certified in accordance with my report dated March 21, 1958 to the Minister  
of Transport, under Section 87 of the Financial Administration Act.

IAN STEVENSON,  
For Auditor General of Canada.

## NATIONAL HARBOURS BOARD

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbours—

|                       |                   |              |
|-----------------------|-------------------|--------------|
| Harbour Dues.....     | \$ 397,161        |              |
| Cargo Rates.....      | 598,503           |              |
| Handling.....         | 1,269,396         |              |
| Property Rentals..... | 488,910           |              |
| Miscellaneous.....    | 90,101            |              |
|                       | <u>          </u> | \$ 2,844,071 |

## Wharves and Piers—

|                           |                   |           |
|---------------------------|-------------------|-----------|
| Top Wharfage.....         | 4,704,840         |           |
| Dockage and Berthage..... | 1,311,011         |           |
| Wharf Space Rentals.....  | 607,575           |           |
| Miscellaneous.....        | 96,383            |           |
|                           | <u>          </u> | 6,719,809 |

## Grain Elevator Systems—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Elevation.....     | 3,227,414         |           |
| Storage.....       | 2,701,733         |           |
| Rentals.....       | 530,586           |           |
| Miscellaneous..... | 412,410           |           |
|                    | <u>          </u> | 6,872,143 |

## Cold Storage Systems—

|                    |                   |         |
|--------------------|-------------------|---------|
| Storage.....       | 687,152           |         |
| Miscellaneous..... | 273,587           |         |
|                    | <u>          </u> | 960,739 |

## Permanent Sheds—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Shed Rentals.....  | 897,371           |           |
| Storage.....       | 257,356           |           |
| Miscellaneous..... | 134,817           |           |
|                    | <u>          </u> | 1,289,544 |

|                             |                   |               |
|-----------------------------|-------------------|---------------|
| Bridge—Tolls, etc.....      | 2,228,438         |               |
| Railway Systems.....        | 1,038,558         |               |
| Miscellaneous Services..... | 1,350,509         |               |
|                             | <u>          </u> | \$ 23,303,811 |

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

|                  |                      |               |
|------------------|----------------------|---------------|
| OPERATING INCOME | (from previous page) | \$ 23,303,811 |
|------------------|----------------------|---------------|

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                      |
|---|----------------------|
| Harbours (including dredging \$761,255; handling, \$1,150,803, \$ | 3,258,968            |
| Wharves and Piers.....  | 583,861              |
| Grain Elevator Systems.....                                       | 3,883,242            |
| Cold Storage Systems.....   | 962,115              |
| Permanent Sheds.....  | 1,124,437            |
| Bridge.....   | 277,082              |
| Railway Systems.....  | 1,211,706            |
| Miscellaneous Services.....                                       | 1,461,760            |
|   | <u>\$ 12,763,171</u> |

## Administrative—

|  |                   |
|--|-------------------|
| Salaries of Board Members and Executive Officers.....      | 92,177            |
| Other Salaries.....  | 765,919           |
| Contributions to Public Service Superannuation Account.... | 345,526           |
| Office Expenses.....                                       | 65,167            |
| Miscellaneous.....   | 238,651           |
|  | <u>1,507,440</u>  |
|  | <u>14,270,611</u> |

|                           |           |
|---------------------------|-----------|
| NET OPERATING INCOME..... | 9,033,200 |
|---------------------------|-----------|

## ADD OTHER INCOME—

|   |                   |
|---|-------------------|
| Income from investments (less \$178,286 transferred to Reserves other than that for Replacement of Capital Assets)..... | 1,655,199         |
| Miscellaneous.....  | 91,788            |
|   | <u>1,746,987</u>  |
|   | <u>10,780,187</u> |

## DEDUCT SPECIAL CHARGES—

|  |                  |
|--|------------------|
| Provision for interest on Loans and Advances.....              | 6,242,458        |
| Provision for Replacement of Capital Assets.....               | 3,107,787        |
| Provision for Doubtful Accounts.....                           | 1,338            |
| Amortization of Bond Discount and Bond Redemption Expense..... | 61,334           |
| Other.....   | 42,168           |
|  | <u>9,455,085</u> |

|                 |                     |
|-----------------|---------------------|
| NET INCOME..... | <u>\$ 1,325,102</u> |
|-----------------|---------------------|



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL'S OFFICE  
OTTAWA, MARCH 21, 1958.

The Honourable GEORGE HEES,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1957. In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

IAN STEVENSON  
*For Auditor General.*

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 19,000 linear feet of berthing, which provide 32 deep-water berths. There are 18 transit sheds with an aggregate floor area of about 1,290,000 square feet including frostproof areas. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 90,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with sharp-freezing, storing, and packing equipment, and ample rail connections.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 2,938                   | 6,650,659                    |
| 1956.....          | 2,887                   | 6,443,407                    |
| 1955.....          | 2,946                   | 6,273,417                    |
| 1954.....          | 2,922                   | 5,682,229                    |
| 1953.....          | 3,076                   | 5,614,067                    |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 2,929                   | 6,635,331                    |
| 1956.....          | 2,885                   | 6,474,538                    |
| 1955.....          | 2,931                   | 6,232,369                    |
| 1954.....          | 2,929                   | 5,720,849                    |
| 1953.....          | 3,063                   | 5,595,211                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|  | 1957              |                        | 1956              |                        |
|--|-------------------|------------------------|-------------------|------------------------|
|  | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                     |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....               | 1,571             | 6,476,540              | 1,583             | 6,270,765              |
| Coastal or inland commercial (including fishery).... | 1,339             | 146,540                | 1,266             | 137,446                |
| Other.....   | 28                | 27,579                 | 38                | 35,196                 |
| Total.....   | 2,938             | 6,650,659              | 2,887             | 6,443,407              |
| <i>Departures—</i>                                   |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....               | 1,566             | 6,462,375              | 1,588             | 6,303,562              |
| Coastal or inland commercial (including fishery).... | 1,337             | 147,136                | 1,260             | 135,597                |
| Other.....   | 26                | 25,820                 | 37                | 35,379                 |
| Total.....   | 2,929             | 6,635,331              | 2,885             | 6,474,538              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1957.....        | 3,262,546 | 2,111,085 | 5,373,631 |
| 1956.....        | 2,901,904 | 2,281,097 | 5,183,001 |
| 1955.....        | 2,340,236 | 1,732,163 | 4,072,399 |
| 1954.....        | 2,048,550 | 664,666   | 2,713,216 |
| 1953.....        | 2,161,694 | 840,731   | 3,002,425 |
| <i>Domestic—</i> |           |           |           |
| 1957.....        | 136,713   | 1,473,968 | 1,610,681 |
| 1956.....        | 232,612   | 1,435,283 | 1,667,895 |
| 1955.....        | 395,763   | 1,150,907 | 1,546,670 |
| 1954.....        | 306,795   | 949,086   | 1,255,881 |
| 1953.....        | 329,701   | 1,070,590 | 1,400,291 |
| <i>Total—</i>    |           |           |           |
| 1957.....        | 3,399,259 | 3,585,053 | 6,984,312 |
| 1956.....        | 3,134,516 | 3,716,380 | 6,850,896 |
| 1955.....        | 2,735,999 | 2,883,070 | 5,619,069 |
| 1954.....        | 2,355,345 | 1,613,752 | 3,969,097 |
| 1953.....        | 2,491,395 | 1,911,321 | 4,402,716 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, crude | Gypsum,<br>crude | Petroleum<br>Oil,<br>fuel | Gasoline | Grain   | Flour,<br>wheat | Motor<br>Vehicles<br>and parts | Fish<br>(including<br>Shell-fish,<br>dried,<br>pickled,<br>salted<br>or smoked | Rubber,<br>crude<br>(including<br>Latex) | Potatoes | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber |
|------------------|-------------------------|------------------|---------------------------|----------|---------|-----------------|--------------------------------|--|--|----------|--|
| <i>Foreign—</i>  |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| Inward—          |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | 2,370,640               | .....            | 369,127                   | 110,952  | .....   | 99              | 71,803                         | 1,529  | 39,440                                   | 5        | 127  |
| 1956.....        | 1,780,032               | .....            | 491,796                   | 199,676  | 4,121   | 29              | 38,470                         | 617  | 41,307                                   | .....    | 140  |
| Outward—         |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | .....                   | 1,250,031        | 33,907                    | 21,766   | 333,865 | 84,042          | 8,788                          | 59,221   | 4,024                                    | 36,555   | 24,717   |
| 1956.....        | .....                   | 1,167,728        | 743                       | .....    | 607,807 | 94,378          | 4,430                          | 60,070   | 4,103                                    | 37,401   | 38,819   |
| <i>Domestic—</i> |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| Inward—          |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | .....                   | .....            | 462                       | 49,317   | .....   | 46              | 424                            | 24,062   | .....                                    | 66       | 6  |
| 1956.....        | .....                   | .....            | 31,936                    | 108,064  | .....   | 91              | 453                            | 24,847   | .....                                    | .....    | 79   |
| Outward—         |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | .....                   | 140,537          | 926,724                   | 279,156  | 1,480   | 3,900           | 6,965                          | 1,411  | .....                                    | 3,796    | 11,284   |
| 1956.....        | .....                   | 123,028          | 868,892                   | 264,708  | 1,687   | 4,174           | 9,156                          | 182  | .....                                    | 3,040    | 25,453   |
| <i>Totals—</i>   |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| Inward—          |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | 2,370,640               | .....            | 369,589                   | 160,269  | .....   | 145             | 72,227                         | 25,591   | 39,440                                   | 71       | 133  |
| 1956.....        | 1,780,032               | .....            | 523,732                   | 307,740  | 4,121   | 120             | 38,923                         | 25,464   | 41,307                                   | .....    | 219  |
| Outward—         |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | .....                   | 1,390,568        | 960,631                   | 300,922  | 335,345 | 88,032          | 15,753                         | 60,632   | 4,024                                    | 40,351   | 36,001   |
| 1956.....        | .....                   | 1,290,756        | 869,635                   | 264,708  | 609,494 | 98,552          | 13,586                         | 60,252   | 4,103                                    | 40,441   | 64,272   |
| Total—           |                         |                  |                           |          |         |                 |                                |  |  |          |  |
| 1957.....        | 2,370,640               | 1,390,568        | 1,330,220                 | 461,191  | 335,345 | 88,177          | 87,980                         | 86,223   | 43,464                                   | 40,422   | 36,134   |
| 1956.....        | 1,780,032               | 1,290,756        | 1,393,367                 | 572,448  | 613,615 | 98,672          | 52,509                         | 85,716   | 45,410                                   | 40,441   | 64,491   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Kerosene | Fish<br>(including<br>Shell-fish),<br>fresh<br>or frozen | Cement,<br>common or<br>portland | Oil Cake<br>and<br>Oil-cake<br>Meal | Vegetable<br>Oils | Paper<br>newsprint | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Coal<br>anthracite | Salt   | Iron or<br>Steel,<br>structural |
|------------------|--|----------|--|----------------------------------|-------------------------------------|-------------------|--------------------|--|--------------------|--------|---------------------------------|
| <i>Foreign—</i>  |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| Inward—          |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 248  | 29,200   | 29   | 2,474                            | 1,942                               | 22,714            |                    |  | 18,273             | 16,387 | 11,997                          |
| 1956.....        | 7,562  | 4,590    | 22   | 57,994                           |                                     | 25,249            |                    |  | 20,560             | 9,101  | 4,304                           |
| Outward—         |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 35,806   |          | 191  | 14                               | 23,657                              | 737               | 23,552             | 18,389   | 52                 | 40     | 2,039                           |
| 1956.....        | 39,394   |          | 439  | 21                               | 22,231                              | 975               | 19,153             | 28,108   | 57                 | 41     | 1,307                           |
| <i>Domestic—</i> |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| Inward—          |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        |  | 20       | 32,803   | 23,081                           |                                     |                   |                    |  |                    |        |                                 |
| 1956.....        |  |          | 28,344   | 3,070                            |                                     |                   | 198                |  |                    | 234    |                                 |
| Outward—         |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 1  | 4,764    |  | 593                              | 95                                  | 277               |                    |  | 20                 | 963    | 2,103                           |
| 1956.....        |  | 4,378    |  | 820                              |                                     |                   |                    |  | 72                 | 600    | 1,412                           |
| <i>Totals—</i>   |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| Inward—          |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 248  | 29,220   | 32,032   | 25,555                           | 1,942                               | 22,714            |                    |  | 18,273             | 16,387 | 11,997                          |
| 1956.....        | 7,562  | 4,590    | 28,366   | 61,064                           |                                     | 25,249            | 198                |  | 20,560             | 9,335  | 4,304                           |
| Outward—         |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 35,807   | 4,764    | 191  | 607                              | 23,752                              | 1,014             | 23,552             | 18,389   | 72                 | 1,003  | 4,142                           |
| 1956.....        | 39,394   | 4,378    | 439  | 841                              | 22,231                              | 975               | 19,153             | 28,108   | 129                | 641    | 2,719                           |
| <i>Total—</i>    |  |          |  |                                  |                                     |                   |                    |  |                    |        |                                 |
| 1957.....        | 36,055   | 33,984   | 33,123   | 26,162                           | 25,694                              | 23,728            | 23,552             | 18,389   | 18,345             | 17,390 | 16,139                          |
| 1956.....        | 46,956   | 8,968    | 28,805   | 61,905                           | 22,231                              | 26,224            | 19,351             | 28,108   | 20,689             | 9,976  | 7,023                           |

|                  | Bauxite<br>Ore | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Tea    | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Apples | Barytes | Iron or<br>Steel<br>scrap | Fertilizers<br>and<br>Fertilizer<br>Materials | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified |
|------------------|----------------|---|--|---|--------|---|--------|---------|---------------------------|---|---|
| <i>Foreign—</i>  |                |   |  |   |        |   |        |         |                           |   |   |
| Inward—          |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | 6,948          | 6   | 10,430   | 8,556   | 10,054 | 5,981   | .....  | 25      | 17                        | 6,666   | 77  |
| 1956.....        | 41,575         | 20  | 3,122  | 6,863   | 8,758  | 8,839   | 30     | 21      | 21                        | 13,454  | .....   |
| Outward—         |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | .....          | 10,853  | 501  | 1,810   | 11     | 2,870   | 8,910  | 9,420   | 9,279                     | 483   | 3,957   |
| 1956.....        | .....          | 11,758  | 256  | 1,202   | 243    | 2,855   | 6,601  | 8,735   | 29,816                    | 822   | 4,506   |
| <i>Domestic—</i> |                |   |  |   |        |   |        |         |                           |   |   |
| Inward—          |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | .....          | 67  | 21   | 4   | 4      | .....   | .....  | .....   | .....                     | 278   | 162   |
| 1956.....        | .....          | 460   | .....  | 44  | .....  | 3   | .....  | .....   | 10                        | .....   | .....   |
| Outward—         |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | 5,849          | 1,051   | 280  | 574   | 231    | 1,321   | 757    | .....   | .....                     | 1,665   | 4,489   |
| 1956.....        | 40,510         | 1,170   | 871  | 475   | 78     | 1,790   | 971    | .....   | .....                     | 1,126   | 5,586   |
| <i>Totals—</i>   |                |   |  |   |        |   |        |         |                           |   |   |
| Inward—          |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | 6,948          | 73  | 10,451   | 8,560   | 10,058 | 5,981   | .....  | 25      | 17                        | 6,944   | 77  |
| 1956.....        | 41,575         | 480   | 3,122  | 6,907   | 8,758  | 8,842   | 30     | 21      | 31                        | 13,454  | 162   |
| Outward—         |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | 5,849          | 11,904  | 781  | 2,384   | 242    | 4,191   | 9,667  | 9,420   | 9,279                     | 2,148   | 8,446   |
| 1956.....        | 40,510         | 12,928  | 1,127  | 1,677   | 321    | 4,645   | 7,572  | 8,735   | 29,816                    | 1,948   | 10,092  |
| Total—           |                |   |  |   |        |   |        |         |                           |   |   |
| 1957.....        | 12,797         | 11,977  | 11,232   | 10,944  | 10,300 | 10,172  | 9,667  | 9,445   | 9,296                     | 9,092   | 8,523   |
| 1956.....        | 82,085         | 13,408  | 4,249  | 8,584   | 9,079  | 13,487  | 7,602  | 8,756   | 29,847                    | 15,402  | 10,254  |



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1957.....         | 64,314 | 8,747    | 73,061 |
| 1956.....         | 48,932 | 7,200    | 56,132 |
| 1955.....         | 38,281 | 8,024    | 46,305 |
| 1954.....         | 50,914 | 9,126    | 60,040 |
| 1953.....         | 65,870 | 7,422    | 73,292 |
| <i>Coastwise—</i> |        |          |        |
| 1957.....         | 326    | 240      | 566    |
| 1956.....         | 355    | 322      | 677    |
| 1955.....         | 308    | 578      | 886    |
| 1954.....         | 218    | 417      | 635    |
| 1953.....         | 177    | 298      | 475    |
| <i>Total—</i>     |        |          |        |
| 1957.....         | 64,640 | 8,987    | 73,627 |
| 1956.....         | 49,287 | 7,522    | 56,809 |
| 1955.....         | 38,589 | 8,602    | 47,191 |
| 1954.....         | 51,132 | 9,543    | 60,675 |
| 1953.....         | 66,047 | 7,720    | 73,767 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1957.....         |            | 11,095,089 | 11,095,089 |
| 1956.....         | 137,385    | 19,995,178 | 20,132,563 |
| 1955.....         |            | 14,986,034 | 14,986,034 |
| 1954.....         |            | 4,270,924  | 4,270,924  |
| 1953.....         | 8,798      | 13,823,627 | 13,832,425 |
| <i>Via rail—</i>  |            |            |            |
| 1957.....         | 11,539,325 |            | 11,539,325 |
| 1956.....         | 19,494,365 |            | 19,494,365 |
| 1955.....         | 15,104,849 | 15,317     | 15,120,166 |
| 1954.....         | 5,727,726  |            | 5,727,726  |
| 1953.....         | 14,597,743 |            | 14,597,743 |
| <i>Via other—</i> |            |            |            |
| 1957.....         |            | 20,341     | 20,341     |
| 1956.....         |            | 28,816     | 28,816     |
| 1955.....         |            | 28,790     | 28,790     |
| 1954.....         |            | 32,133     | 32,133     |
| 1953.....         |            | 36,394     | 36,394     |
| <i>Total—</i>     |            |            |            |
| 1957.....         | 11,539,325 | 11,115,430 | 22,654,755 |
| 1956.....         | 19,631,750 | 20,023,994 | 39,655,744 |
| 1955.....         | 15,104,849 | 15,030,141 | 30,134,990 |
| 1954.....         | 5,727,726  | 4,303,057  | 10,030,783 |
| 1953.....         | 14,606,541 | 13,860,021 | 28,466,562 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$288,907. The main items were re-surfacing sections of the Marginal Roadways at Ocean and Richmond Terminals; replacement of walkway gratings grain gallery 26; replacement of two grain elevator conveyor belts; reconditioning of the electrical substation, and repairs to one freight elevator at the cold storage plant.

## CAPITAL WORKS

Expenditures on capital account amounted to \$2,316,356, of which \$191,670 was provided from replacement fund. The principal items were:—

*Construction of Pier A-1.*—A contract was awarded to Foundation Maritime Limited in August, 1955, for the construction of a reinforced concrete crib and fill-type pier, 600 feet by 290 feet, at Ocean Terminals. In August, 1956, the contract was amended in order to provide for a 455-foot extension. The new construction, inclusive of the previously existing 195-foot long dock, provides a pier 1,250 feet long. With 95% of the work completed, the new pier was in operation at the end of the year.

*Replacement of Grain Galleries 3 and 4 and Additional Grain Shipping Facilities.*—A contract for the demolition of wooden grain galleries 3 and 4 and their reconstruction in steel, also the construction of a new shipping house between elevators 2 and 3 was awarded to Fundy Construction Company Limited in April, 1956. Due to delay in delivery of materials, only preliminary work was carried out in 1956. This project was 95% complete at the end of the year.

*Reconstruction of Shed 27.*—In April, 1956, a contract was awarded to Robb Engineering Works Limited for the supply and erection of structural steel for new transit shed 27. The work was completed early in 1957.

Fundy Construction Company Limited was awarded a contract in July, 1956, for the construction of shed 27 foundations, offices and all other work required exclusive of structural steel. This project was completed during the year.

*Minor Items.*—These included the purchase of a  $\frac{1}{2}$ -ton panel truck and one automobile; the renovation of the exterior walls of grain elevator No. 3; the installation of a fire alarm system and roadway lighting to pier 9 transit shed, and the transfer and reconditioning of floating crane GC-1 from Saint John, N.B., for use at Halifax Harbour.

## INCOME AND EXPENSE

Operating income amounted to \$1,947,120, as compared with \$1,909,248 in 1956, the increase being \$37,872. Operating expenses were \$1,432,788 as compared with \$1,434,250 in 1956. Net operating income was \$514,332 in 1957, as against \$474,998 in the previous year, the increase being \$39,334.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets the year's operations resulted in a net income deficit of \$285,782, as compared with a deficit of \$252,263 in 1956.

## BALANCE SHEET AS AT DECEMBER 31, 1957

## ASSETS

| CURRENT—  |                   |
|---|-------------------|
| Cash.....   | 192,396           |
| Accounts Receivable.....  | \$ 210,223        |
| Less: Provision for Doubtful Accounts..   | 1,370             |
| Accrued Income.....   | 316,213           |
| Prepaid Expenses—   |                   |
| Stores on Hand.....   | 116,432           |
| Other.....  | 926               |
| Miscellaneous.....  | 117,358           |
|   | 395               |
|   | <u>\$ 835,215</u> |
| RESERVE FUND ASSETS—  |                   |
| (Cash, \$109,236; bonds, at amortized cost, \$6,840,455, market value, \$6,527,442) held for: |                   |
| Replacement of Capital Assets.....  | 6,605,787         |
| Fire and General Insurance.....   | 343,904           |
|   | <u>6,949,691</u>  |

## SPECIAL FUND ASSETS—

|   |         |
|---|---------|
| (Cash, \$82,621; bonds, \$90,500) held for: |         |
| Contractors' Security Deposits.....         | 173,121 |
| PRELIMINARY CAPITAL EXPENSE.....            | 2,373   |

## CAPITAL ASSETS—

| (At cost or estimated cost)          |                   |
|--------------------------------------|-------------------|
| Harbour Dredging.....                | 118,397           |
| Real Estate.....                     | 613,827           |
| Roads, Fences and Boundaries.....    | 258,296           |
| Sewers and Drains.....               | 177,089           |
| Miscellaneous Structures.....        | 15,689            |
| Wharves and Piers.....               | 17,195,129        |
| Permanent Sheds.....                 | 7,193,177         |
| Shed Hoists and Electric Cranes..... | 310               |
| Grain Elevator System.....           | 3,745,355         |
| Cold Storage System.....             | 2,165,813         |
| Office Furniture and Appliances..... | 38,184            |
| Harbour Buildings.....               | 727,159           |
| Central Heating Plants.....          | 55,387            |
| Harbour Shops.....                   | 29,813            |
| Electric Power System.....           | 34,810            |
| Water Supply System.....             | 187,519           |
| Floating Equipment.....              | 19,782            |
| Shore Equipment.....                 | 46,415            |
| Miscellaneous Small Plant.....       | 64,007            |
| Works under Construction.....        | 4,514,510         |
|                                      | <u>37,200,668</u> |

\$ 45,161,068

## LIABILITIES

| CURRENT—  |                |
|---|----------------|
| Accounts Payable and Accrued Liabilities—General..... | \$ 161,990     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....        | 177,642        |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....          | 173,121        |
| CONTRACTORS' HOLDBACKS.....                           | 263,121        |
| DEFERRED INCOME.....                                  | 12,002         |
|   | <u>787,876</u> |

## PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|   |                  |
|---|------------------|
| Assets transferred to the Board on its Establishment— |                  |
| Loans and Advances.....                               | \$ 17,072,792    |
| Interest in Arrears on Loans and Advances.....        | 22,042,227       |
|   | <u>5,025,792</u> |

## Reserves:

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | \$ 8,679,197     |
| Fire and General Insurance.....    | 343,904          |
|                                    | <u>9,023,101</u> |
|                                    | 53,763,912       |

## Deduct: Deficit—

|  |                  |
|--|------------------|
| Balance as at Jan. 1, 1957.....  | 9,049,238        |
| Add: Prior Years' Adjustments (Net).....   | 55,710           |
| Net Income (Deficit) for the year ended December 31, 1957 per statement of Income and Expense..... | 285,782          |
|  | <u>9,390,720</u> |
|  | 44,373,192       |

\$ 45,161,068

## HARBOUR OF HALIFAX

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |               |  |
|-----------------------|---------------|--|
| Harbour Dues.....     | \$ 55,042     |  |
| Property Rentals..... | 22,423        |  |
| Miscellaneous.....    | 1,008         |  |
|                       | <u>78,473</u> |  |

## Wharves and Piers—

|                          |                |  |
|--------------------------|----------------|--|
| Top Wharfage.....        | 420,978        |  |
| Dockage.....             | 125,763        |  |
| Wharf Space Rentals..... | 38,158         |  |
| Miscellaneous.....       | 265            |  |
|                          | <u>585,164</u> |  |

## Grain Elevator System—

|                    |                |  |
|--------------------|----------------|--|
| Elevation.....     | 176,331        |  |
| Storage.....       | 369,705        |  |
| Rentals.....       | 2,425          |  |
| Miscellaneous..... | 11,200         |  |
|                    | <u>559,661</u> |  |

## Cold Storage System—

|                    |                |  |
|--------------------|----------------|--|
| Storage.....       | 233,170        |  |
| Miscellaneous..... | 115,438        |  |
|                    | <u>348,608</u> |  |

## Permanent Sheds—

|                    |                |  |
|--------------------|----------------|--|
| Shed Rentals.....  | 136,940        |  |
| Storage.....       | 49,773         |  |
| Miscellaneous..... | 128,643        |  |
|                    | <u>315,356</u> |  |

|                             |                     |  |
|-----------------------------|---------------------|--|
| Miscellaneous Services..... | 59,858              |  |
|                             | <u>\$ 1,947,120</u> |  |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                             |                  |  |
|-----------------------------|------------------|--|
| Harbour.....                | 217,553          |  |
| Wharves and Piers.....      | 59,745           |  |
| Grain Elevator System.....  | 279,967          |  |
| Cold Storage System.....    | 312,494          |  |
| Permanent Sheds.....        | 300,742          |  |
| Miscellaneous Services..... | 92,233           |  |
|                             | <u>1,262,734</u> |  |

## Administrative—

|  |                |  |
|--|----------------|--|
| Salaries.....  | 76,764         |  |
| Contributions to Public Service Superannuation Account.... | 36,802         |  |
| Office Expenses.....                                       | 6,746          |  |
| Other.....   | 49,742         |  |
|  | <u>170,054</u> |  |

1,432,788

NET OPERATING INCOME..... 514,332

## ADD OTHER INCOME—

|  |                |  |
|--|----------------|--|
| Income from investments (less \$10,869 applicable to Reserve Funds)..... | 210,467        |  |
| Miscellaneous.....   | 164            |  |
|  | <u>210,631</u> |  |
|  | <u>724,963</u> |  |

## DEDUCT SPECIAL CHARGES—

|   |                  |  |
|---|------------------|--|
| Provision for interest on Loans and Advances..... | 632,176          |  |
| Provision for Replacement of Capital Assets.....  | 376,810          |  |
| Provision for Doubtful Accounts.....              | 565              |  |
| Other.....  | 1,194            |  |
|   | <u>1,010,745</u> |  |

NET INCOME DEFICIT..... \$ 285,782

## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deep-sea berths and six berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in three sheds, with an aggregate floor space of about 991,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,576,800 bushels, and is connected to nine of the berths by over two miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 1,589                   | 2,563,574                    |
| 1956.....          | 1,608                   | 2,701,415                    |
| 1955.....          | 1,454                   | 2,548,372                    |
| 1954.....          | 1,631                   | 2,633,413                    |
| 1953.....          | 1,628                   | 2,735,542                    |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 1,664                   | 2,584,219                    |
| 1956.....          | 1,595                   | 2,660,661                    |
| 1955.....          | 1,455                   | 2,553,310                    |
| 1954.....          | 1,637                   | 2,655,380                    |
| 1953.....          | 1,623                   | 2,729,146                    |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957              |                        | 1956              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 594               | 1,806,324              | 654               | 1,955,130              |
| Coastal or inland commercial (including fishery)..... | 919               | 710,368                | 916               | 723,506                |
| Other.....  | 76                | 46,882                 | 38                | 22,779                 |
| Total.....  | 1,589             | 2,563,574              | 1,608             | 2,701,415              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 597               | 1,822,846              | 645               | 1,917,329              |
| Coastal or inland commercial (including fishery)..... | 992               | 714,830                | 914               | 722,547                |
| Other.....  | 75                | 46,543                 | 36                | 20,785                 |
| Total.....  | 1,664             | 2,584,219              | 1,595             | 2,660,661              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1957.....        | 787,811   | 1,318,515 | 2,106,326 |
| 1956.....        | 935,276   | 1,614,493 | 2,549,769 |
| 1955.....        | 840,047   | 1,558,996 | 2,399,043 |
| 1954.....        | 781,334   | 939,571   | 1,720,905 |
| 1953.....        | 652,257   | 1,353,711 | 2,005,968 |
| <i>Domestic—</i> |           |           |           |
| 1957.....        | 425,600   | 136,937   | 562,537   |
| 1956.....        | 360,582   | 146,900   | 507,482   |
| 1955.....        | 313,146   | 114,339   | 427,485   |
| 1954.....        | 310,584   | 173,835   | 484,419   |
| 1953.....        | 347,677   | 121,213   | 468,890   |
| <i>Total—</i>    |           |           |           |
| 1957.....        | 1,213,411 | 1,455,452 | 2,668,863 |
| 1956.....        | 1,295,858 | 1,761,393 | 3,057,251 |
| 1955.....        | 1,153,193 | 1,673,335 | 2,826,528 |
| 1954.....        | 1,091,918 | 1,113,406 | 2,205,324 |
| 1953.....        | 999,934   | 1,474,924 | 2,474,858 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

# CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain   | Petroleum<br>Oil, fuel | Sugar,<br>raw | Gasoline | Paper,<br>newsprint | Oil Cake<br>and<br>Oil-cake<br>Meal | Motor<br>Vehicles,<br>and<br>Parts | Flour,<br>wheat | Lumber<br>(Planks<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wood-<br>pulp | Fertilizers<br>and<br>Fertilizer<br>Materials |
|------------------|---------|------------------------|---------------|----------|---------------------|-------------------------------------|------------------------------------|-----------------|--|---------------|---|
| <i>Foreign—</i>  |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| Inward—          |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 2       | 178,784                | 212,110       | 44,768   |                     |                                     | 74,833                             |                 |  |               | 45,022  |
| 1956.....        | 18      | 231,887                | 229,340       | 70,550   |                     |                                     | 45,970                             |                 | 1,718  |               | 45,904  |
| Outward—         |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 500,583 | 81                     |               | 2        | 140,994             | 95,506                              | 17,633                             | 86,957          | 52,580   | 47,170        | 106   |
| 1956.....        | 855,544 | 15                     |               | 4        | 103,000             | 99,293                              | 13,699                             | 86,743          | 81,499   | 32,559        | 158   |
| <i>Domestic—</i> |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| Inward—          |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        |         | 249,294                |               | 134,678  |                     |                                     | 26                                 |                 |  |               | 779   |
| 1956.....        | 91      | 198,821                |               | 109,456  |                     |                                     | 90                                 |                 | 6,272  |               | 1,945   |
| Outward—         |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 3,696   | 38,942                 |               | 32,107   |                     | 1,770                               | 220                                | 1,576           | 808  | 92            | 468   |
| 1956.....        | 4,007   | 37,328                 |               | 25,717   |                     | 910                                 | 598                                | 1,625           | 727  | 118           | 1,071   |
| <i>Totals—</i>   |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| Inward—          |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 2       | 428,078                | 212,110       | 179,446  |                     |                                     | 74,859                             |                 | 625  |               | 45,801  |
| 1956.....        | 109     | 430,708                | 229,340       | 180,006  |                     |                                     | 46,060                             |                 | 7,990  |               | 47,849  |
| Outward—         |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 504,279 | 39,023                 |               | 32,109   | 140,994             | 97,276                              | 17,853                             | 88,533          | 53,338   | 47,262        | 574   |
| 1956.....        | 859,551 | 37,343                 |               | 25,721   | 103,000             | 100,203                             | 14,297                             | 88,368          | 82,226   | 32,677        | 1,229   |
| Total—           |         |                        |               |          |                     |                                     |                                    |                 |  |               |   |
| 1957.....        | 504,281 | 467,101                | 212,110       | 211,555  | 140,994             | 97,276                              | 92,712                             | 88,533          | 54,013   | 47,262        | 46,375  |
| 1956.....        | 859,660 | 468,051                | 229,340       | 205,727  | 103,000             | 100,203                             | 60,357                             | 88,368          | 90,216   | 32,677        | 49,078  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs | Copper,<br>refined<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or<br>slabs | Potatoes | Rubber,<br>crude<br>(including<br>Latex) | Iron or<br>steel,<br>scrap | Iron or<br>Steel<br>Bars,<br>Band,<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Pulpboard<br>(except<br>Wallboard) | Pulpwood | Glass<br>and<br>Glass<br>Manu-<br>factures |
|------------------|---|--|----------|--|----------------------------|---|--|---|------------------------------------|----------|--|
| <i>Foreign—</i>  |   |  |          |  |                            |   |  |   |                                    |          |  |
| Inward—          |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | 360   | .....  | .....    | 14                                       | 2                          | 18,487  | 300  | 15,010  | .....                              | .....    | 16,675                                     |
| 1956.....        | 848   | .....  | 20       | 112                                      | 2                          | 25,808  | 256  | 15,215  | 177                                | .....    | 29,987                                     |
| Outward—         |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | 35,429  | 34,663   | 33,908   | 21,939                                   | 25,796                     | 7,033   | 21,878   | 6,384   | 20,729                             | 20,434   | 34   |
| 1956.....        | 17,831  | 26,895   | 34,529   | 13,362                                   | 42,775                     | 3,108   | 22,376   | 4,268   | 9,024                              | 34,621   | 19   |
| <i>Domestic—</i> |   |  |          |  |                            |   |  |   |                                    |          |  |
| Inward—          |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | .....   | .....  | .....    | 6,854                                    | 441                        | 10  | .....  | 125   | .....                              | .....    | 58   |
| 1956.....        | 15  | .....  | .....    | 5,015                                    | 9                          | 98  | .....  | 895   | .....                              | .....    | 60   |
| Outward—         |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | .....   | .....  | 120      | 23                                       | .....                      | 517   | 20   | 293   | 25                                 | .....    | 735  |
| 1956.....        | .....   | .....  | 28       | 22                                       | .....                      | 235   | 52   | 80  | .....                              | .....    | 904  |
| <i>Totals—</i>   |   |  |          |  |                            |   |  |   |                                    |          |  |
| Inward—          |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | 360   | .....  | 33,908   | 6,868                                    | 443                        | 18,497  | 300  | 15,135  | .....                              | .....    | 16,733                                     |
| 1956.....        | 863   | .....  | 20       | 5,127                                    | 11                         | 25,906  | 256  | 16,110  | 177                                | .....    | 30,047                                     |
| Outward—         |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | 35,429  | 34,663   | 120      | 21,962                                   | 25,796                     | 7,550   | 21,898   | 6,677   | 20,754                             | 20,434   | 769  |
| 1956.....        | 17,831  | 26,895   | 34,557   | 13,384                                   | 42,775                     | 3,343   | 22,428   | 4,348   | 9,024                              | 34,621   | 923  |
| Total—           |   |  |          |  |                            |   |  |   |                                    |          |  |
| 1957.....        | 35,789  | 34,663   | 34,028   | 28,830                                   | 26,239                     | 26,047  | 22,198   | 21,812  | 20,754                             | 20,434   | 17,502                                     |
| 1956.....        | 18,694  | 26,895   | 34,577   | 18,511                                   | 42,786                     | 29,249  | 22,684   | 20,458  | 9,201                              | 34,621   | 30,970                                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Food-stuffs,<br>canned<br>or<br>preserved<br>not<br>otherwise<br>specified | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Molasses | Jute<br>and<br>Jute<br>Manu-<br>factures | Chemicals<br>not<br>otherwise<br>specified | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars<br>and Ties<br>(railway) | Tea    | Ferro-<br>alloys | Electrical<br>Goods<br>not<br>otherwise<br>specified |
|------------------|--|--|----------|--|--|--|--|---|--------|------------------|--|
| <i>Foreign—</i>  |  |  |          |  |  |  |  |   |        |                  |  |
| Inward—          |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 3,592  | 1,313  | 14,375   | 13,740                                   | 8,752                                      | .....  | 492  | .....   | 10,213 | 85               | 8,023  |
| 1956.....        | 3,337  | 1,318  | 14,200   | 15,011                                   | 9,254                                      | .....  | 232  | .....   | 11,297 | 12               | 5,483  |
| Outward—         |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 3,695  | 13,570   | .....    | 299                                      | 3,103                                      | 12,302   | 11,536   | 10,913  | .....  | 10,695           | 1,746  |
| 1956.....        | 1,969  | 4,288  | .....    | 1,369                                    | 3,606                                      | 2,813  | 7,769  | 8,972   | .....  | 16,413           | 1,759  |
| <i>Domestic—</i> |  |  |          |  |  |  |  |   |        |                  |  |
| Inward—          |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 6,898  | .....  | .....    | 25                                       | 161  | .....  | .....  | .....   | 23     | .....            | .....  |
| 1956.....        | 5,949  | 40   | .....    | 247                                      | 178  | .....  | 4  | 142   | 18     | .....            | 9  |
| Outward—         |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 1,255  | 250  | 728      | .....                                    | 1,124                                      | 23   | 45   | 103   | 554    | .....            | 107  |
| 1956.....        | 1,040  | 106  | 799      | .....                                    | 877  | .....  | 215  | 162   | 492    | .....            | 162  |
| <i>Totals—</i>   |  |  |          |  |  |  |  |   |        |                  |  |
| Inward—          |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 10,490   | 1,313  | 14,375   | 13,765                                   | 8,913                                      | .....  | 492  | .....   | 10,236 | 85               | 8,023  |
| 1956.....        | 9,286  | 1,358  | 14,200   | 15,258                                   | 9,432                                      | .....  | 236  | 142   | 11,315 | 12               | 5,492  |
| Outward—         |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 4,950  | 13,820   | 728      | 299                                      | 4,227                                      | 12,325   | 11,581   | 11,016  | 554    | 10,695           | 1,853  |
| 1956.....        | 3,009  | 4,394  | 799      | 1,369                                    | 4,483                                      | 2,813  | 7,984  | 9,134   | 492    | 16,413           | 1,921  |
| Total—           |  |  |          |  |  |  |  |   |        |                  |  |
| 1957.....        | 15,440   | 15,133   | 15,103   | 14,064                                   | 13,140                                     | 12,325   | 12,073   | 11,016  | 10,790 | 10,790           | 9,876  |
| 1956.....        | 12,295   | 5,752  | 14,999   | 16,627                                   | 13,915                                     | 2,813  | 8,220  | 9,276   | 11,807 | 16,425           | 7,413  |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Paper not<br>otherwise<br>specified | Beverages,<br>alcoholic | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Sulphur | Woolen<br>Manufac-<br>tures not<br>otherwise<br>specified | Cotton<br>Manufac-<br>tures not<br>otherwise<br>specified | Fruit<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------------------------------------|-------------------------|--|--|---|---------|---|---|---|---|-----------|
| <i>Foreign—</i>  |                                     |                         |  |  |   |         |   |   |   |   |           |
| Inward—          |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 2,303                               | 6,279                   | 459  | 6,348  | 1,172   | 7,622   | 7,294   | 4,756   | 6,327   | 78,299  | 787,811   |
| 1956.....        | 2,132                               | 7,143                   | 484  | 6,644  | 34  | 8,278   | 7,918   | 5,302   | 4,204   | 88,303  | 935,276   |
| Outward—         |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 4,831                               | 724                     | 3,962  | 1,561  | 6,768   |         | 82  | 1,615   | 69  | 61,205  | 1,318,515 |
| 1956.....        | 5,008                               | 637                     | 4,886  | 784  | 8,944   |         | 132   | 1,538   | 533   | 64,227  | 1,614,493 |
| <i>Domestic—</i> |                                     |                         |  |  |   |         |   |   |   |   |           |
| Inward—          |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 1,080                               | 865                     | 3,461  |  |   |         | 24  | 1,048   | 400   | 18,725  | 425,600   |
| 1956.....        | 1,709                               | 434                     | 3,725  | 22   |   |         | 235   | 1,043   | 564   | 24,039  | 360,582   |
| Outward—         |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 1,576                               | 1,882                   | 713  | 369  |   |         | 212   | 103   | 234   | 46,247  | 136,937   |
| 1956.....        | 1,964                               | 1,678                   | 405  | 692  |   |         | 268   | 934   | 145   | 55,655  | 146,900   |
| <i>Totals—</i>   |                                     |                         |  |  |   |         |   |   |   |   |           |
| Inward—          |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 3,383                               | 7,144                   | 3,920  | 6,348  | 1,172   | 7,622   | 7,318   | 5,804   | 6,727   | 97,024  | 1,213,411 |
| 1956.....        | 3,841                               | 7,577                   | 4,209  | 6,666  | 34  | 8,278   | 8,153   | 6,345   | 4,768   | 112,342                                       | 1,295,858 |
| Outward—         |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 6,407                               | 2,606                   | 4,675  | 1,930  | 6,768   |         | 294   | 1,718   | 303   | 107,452                                       | 1,455,452 |
| 1956.....        | 6,972                               | 2,315                   | 5,291  | 1,476  | 8,944   |         | 400   | 1,472   | 678   | 119,882                                       | 1,761,393 |
| Total—           |                                     |                         |  |  |   |         |   |   |   |   |           |
| 1957.....        | 9,790                               | 9,750                   | 8,595  | 8,278  | 7,940   | 7,622   | 7,612   | 7,522   | 7,030   | 204,476                                       | 2,668,863 |
| 1956.....        | 10,813                              | 9,892                   | 9,500  | 8,142  | 8,978   | 8,278   | 8,553   | 7,817   | 5,446   | 232,224                                       | 3,057,251 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1957.....         | 10,181 | 2,435    | 12,616  |
| 1956.....         | 5,153  | 2,143    | 7,296   |
| 1955.....         | 2,567  | 1,532    | 4,099   |
| 1954.....         | 4,703  | 2,552    | 7,255   |
| 1953.....         | 6,738  | 3,261    | 9,999   |
| <i>Coastwise—</i> |        |          |         |
| 1957.....         | 53,421 | 53,073   | 106,494 |
| 1956.....         | 53,572 | 52,752   | 106,324 |
| 1955.....         | 50,594 | 49,599   | 100,193 |
| 1954.....         | 59,378 | 58,468   | 117,846 |
| 1953.....         | 57,995 | 56,589   | 114,584 |
| <i>Total—</i>     |        |          |         |
| 1957.....         | 63,602 | 55,508   | 119,110 |
| 1956.....         | 58,725 | 54,895   | 113,620 |
| 1955.....         | 53,161 | 51,131   | 104,296 |
| 1954.....         | 64,081 | 61,020   | 125,101 |
| 1953.....         | 64,733 | 59,850   | 124,583 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1957.....         |            | 16,096,593 | 16,096,593 |
| 1956.....         |            | 28,649,717 | 28,649,717 |
| 1955.....         |            | 23,467,605 | 23,467,605 |
| 1954.....         |            | 11,544,590 | 11,544,590 |
| 1953.....         |            | 22,396,708 | 22,396,708 |
| <i>Via rail—</i>  |            |            |            |
| 1957.....         | 16,514,916 |            | 16,514,916 |
| 1956.....         | 28,120,579 |            | 28,120,579 |
| 1955.....         | 23,300,679 | 18,856     | 23,319,535 |
| 1954.....         | 11,767,260 | 352,313    | 12,119,573 |
| 1953.....         | 22,615,248 | 31,112     | 22,646,360 |
| <i>Via other—</i> |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| 1954.....         |            |            |            |
| 1953.....         |            | 762        | 762        |
| <i>Total—</i>     |            |            |            |
| 1957.....         | 16,514,916 | 16,096,593 | 32,611,509 |
| 1956.....         | 28,120,579 | 28,649,717 | 56,770,296 |
| 1955.....         | 23,300,679 | 23,486,461 | 46,787,140 |
| 1954.....         | 11,767,260 | 11,896,903 | 23,664,163 |
| 1953.....         | 22,615,248 | 22,428,582 | 45,043,830 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$361,867. The principal items were dredging 11 berths to a minimum depth of 30 feet, one berth to a minimum depth of 31 feet, one berth to a minimum depth of 12 feet at extreme low tide and dredging the centres of slips, berths 1 and 2, and 3 and 4 to a minimum depth of 30 feet; renewing 12"  $\times$  12" timber pile capping and deteriorated decking at pier 4; repairing timber trestle at Long Wharf; renewing 6" decking on wharf apron, west end of No. 14 shed; grading and paving a portion of service roadway at East Saint John; grading various areas for bulk storage and parking; removing and renewing corrugated siding on sheds 9 and 10; painting exterior of sheds 9 and 11 and interior and exterior of shed 10; renewing portion of roof on shed 9; renewing bottoms of steel dock side doors sheds 1, 2 and 3; raising columns and repairing steel trusses in Puglsey Terminal shed; painting shore grain galleries between N.H.B. elevator and C.P.R. elevator, and placing in drydock, repairing and painting hull of floating crane "Glenbuckie".

## CAPITAL WORKS

Capital expenditures amounted to \$394,667. The work consisted of:—

*Construction of Extension to Transit Shed No. 1.*—A contract was awarded to J. G. Fitzpatrick Limited in April, 1957, for the construction of an 80-foot extension to the east end of transit shed No. 1 at West Saint John. This work, which consisted of extending the shed, water, and sewer lines, excavation for rails on track side, and grading, was completed in October. The railway tracks were extended by the Canadian Pacific Railway Company, and the cribwork at the outer end of pier No. 1 was constructed by the Board's forces.

A retaining wall and concrete slab was constructed at the west end of shed No. 1 by the Board's forces. This provides a large apron at shed floor level which facilitates work with mechanical equipment.

*Construction of a Concrete Deck on Pier 4.*—A contract was awarded to J. G. Fitzpatrick Limited in September, 1957, for the construction of a concrete deck on pier 4 at West Saint John. This work consisted of placing gravel fill and a reinforced concrete slab on the existing wood deck after the removal of the existing gravel fill and repair to the structure by the Board's forces and the pacing of new 100-lb. rails by the Canadian Pacific Railway Company. The contract and work by others was completed prior to the shipping season.

*Construction of Extension to Transit Sheds 2 and 3.*—A contract was awarded to the Argo Construction Limited in September, 1955, for the construction of a 320-foot extension to transit sheds 2 and 3, and grain galleries. The shed extensions were constructed in 1956, and the grain gallery extensions in 1957.

*Installation of Grain Conveyors in No. 2 and 3 Galleries.*—Two new belt conveyors were installed in grain galleries over sheds 2 and 3, each being 1,000 feet long and extending to the end towers of the new grain gallery extensions.

Equipment and belting was supplied by the Board and installed by the firm of E. S. Stephenson & Co. Ltd. Electrical installations were made by C.P.R. forces, and spouting by the Saint John Iron Works Limited. The work was completed in December.

*Minor Items.*—These consisted of installing nine oil burners in the existing coal fired heating plants; the purchase of a tractor loader equipped with snow bucket and forklift, and the purchase of one automobile.

### INCOME AND EXPENSE

Operating income amounted to \$947,312, as compared with \$965,767 in 1956, while operating expenses totalled \$880,078, as against \$910,423 in the previous year. Net operating income in 1957 was \$67,234 as compared with \$55,344 in 1956.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$977,681 in 1957, as against a deficit of \$964,036 in 1956.



## Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1957

## ASSETS

|  |                   |               |
|--|-------------------|---------------|
| CURRENT—   |                   |               |
| Cash.....  | \$ 157,123        |               |
| Accounts Receivable.....   | \$ 109,166        |               |
| Less: Provision for Doubtful Accounts..  | 264               |               |
| Accrued Income.....  | 108,902           |               |
| Prepaid Expenses.....  | 54,275            |               |
| Stores on Hand.....  | 34,190            |               |
| Other.....   | 474               |               |
|  | <u>34,664</u>     | \$ 354,964    |
| RESERVE FUND ASSETS—   |                   |               |
| (Cash, \$26,635; bonds, at amortized cost, \$5,123,725, market value, \$4,900,271) held for: |                   |               |
| Replacement of Capital Assets.....   | 4,812,773         |               |
| Fire and General Insurance.....  | 337,587           |               |
|  | <u>5,150,360</u>  |               |
| SPECIAL FUND ASSETS—   |                   |               |
| (Cash, \$61,522) held for:   |                   |               |
| Contractors' Security Deposits.....  | 61,522            |               |
| PRELIMINARY CAPITAL EXPENSE.....   | 1,368             |               |
| CAPITAL ASSETS—  |                   |               |
| (At cost or estimated cost)  |                   |               |
| Harbour Dredging.....  | 1,229,568         |               |
| Real Estate.....   | 2,032,249         |               |
| Vehicular Bridges.....   | 30,107            |               |
| Roads, Fences and Boundaries.....  | 130,970           |               |
| Wharves and Piers.....   | 21,133,199        |               |
| Permanent Sheds.....   | 4,328,110         |               |
| Railway System.....  | 192,661           |               |
| Grain Elevator System.....   | 4,213,952         |               |
| Office Furniture and Appliances.....   | 18,655            |               |
| Harbour Buildings.....   | 102,293           |               |
| Central Heating Plants.....  | 46,822            |               |
| Water Supply System.....   | 14,316            |               |
| Floating Equipment.....  | 160,475           |               |
| Shore Equipment.....   | 169,691           |               |
| Miscellaneous Small Plant.....   | 19,603            |               |
| Works under Construction.....  | 785,268           |               |
|  | <u>34,627,939</u> |               |
|  |                   | \$ 40,196,153 |

## LIABILITIES

|   |                   |               |
|---|-------------------|---------------|
| CURRENT—  |                   |               |
| Accounts Payable and Accrued Liabilities-General.....   | \$ 24,500         |               |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....  | 51,250            |               |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....  | 61,522            |               |
| CONTRACTORS' HOLDBACKS.....   | 5,435             |               |
| DEFERRED INCOME.....  | 11,816            |               |
|   | <u>154,523</u>    |               |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                   |               |
| Assets transferred to the Board on its establishment and subsequently.....                    | \$ 6,961,410      |               |
| Loans and Advances.....   | 27,423,815        |               |
| Interest in arrears on Loans and Advances.....  | 9,883,597         |               |
| Reserves:   |                   |               |
| Replacement of Capital Assets.....  | \$ 8,543,623      |               |
| Fire and General Insurance.....   | 337,587           |               |
|   | <u>8,881,210</u>  |               |
|   | 53,150,032        |               |
| Deduct: Deficit—  |                   |               |
| Balance as at Jan. 1, 1957.....   | 12,117,172        |               |
| Add: Prior Years' Adjustments (Net).....  | 13,549            |               |
| Net Income (Deficit) for the year ended December 31, 1957 per statement of income and expense | 977,681           |               |
|   | <u>13,108,402</u> |               |
|   | 40,041,630        |               |
|   |                   | \$ 40,196,153 |

## HARBOUR OF SAINT JOHN

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 19,881         |           |
| Property Rentals..... | 23,108            |           |
| Miscellaneous.....    | 2,887             |           |
|                       | <u>          </u> | \$ 45,876 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 502,472           |         |
| Dockage.....             | 153,593           |         |
| Wharf Space Rentals..... | 577               |         |
|                          | <u>          </u> | 656,642 |

## Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 80,649 |
|--------------|--|--------|

## Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 23,322            |        |
| Storage.....      | 64,697            |        |
|                   | <u>          </u> | 88,019 |

|                     |  |    |
|---------------------|--|----|
| Railway System..... |  | 30 |
|---------------------|--|----|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 76,096            |            |
|                             | <u>          </u> | \$ 947,312 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |                   |         |
|---|-------------------|---------|
| Harbour (including \$181,245 for dredging)..... | 351,930           |         |
| Wharves and Piers.....                          | 97,821            |         |
| Grain Elevator System.....                      | 19,819            |         |
| Permanent Sheds.....                            | 181,720           |         |
| Miscellaneous Services.....                     | 127,920           |         |
|   | <u>          </u> | 779,210 |

## Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 53,044            |                   |
| Contributions to Public Service Superannuation Account.... | 19,006            |                   |
| Office Expenses.....                                       | 3,673             |                   |
| Other.....   | 25,145            |                   |
|  | <u>          </u> | 100,868           |
|  |                   | <u>          </u> |
|  |                   | 880,078           |

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 67,234 |
|---------------------------|--|--------|

## ADD OTHER INCOME—

|  |                   |                   |
|--|-------------------|-------------------|
| Income from Investments (less \$11,059 applicable to Reserve Funds)..... | 152,736           |                   |
| Miscellaneous.....   | 1,163             |                   |
|  | <u>          </u> | 153,899           |
|  |                   | <u>          </u> |
|  |                   | 221,133           |

## DEDUCT SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 797,276           |           |
| Provision for Replacement of Capital Assets.....  | 398,022           |           |
| Other.....  | 3,516             |           |
|   | <u>          </u> | 1,198,814 |

|                         |    |         |
|-------------------------|----|---------|
| NET INCOME DEFICIT..... | \$ | 977,681 |
|-------------------------|----|---------|

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing five berths for ships of 26-foot draft and one berth for coastal vessels, a concrete transit shed 400 feet by 60 feet, a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| 1953.....          | 238                     | 166,532                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957                    |                              | 1956                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 9                       | 23,597                       | 24                      | 37,626                       |
| Coastal or inland commercial (including fishery)..... | 184                     | 175,314                      | 214                     | 180,846                      |
| Other.....  | 13                      | 1,438                        | 8                       | 841                          |
| Total.....  | 206                     | 200,349                      | 246                     | 219,313                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 9                       | 23,597                       | 24                      | 37,626                       |
| Coastal or inland commercial (including fishery)..... | 184                     | 175,314                      | 214                     | 180,846                      |
| Other.....  | 13                      | 1,438                        | 8                       | 841                          |
| Total.....  | 206                     | 200,349                      | 246                     | 219,313                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1957.....        | 56,534  | 3,469   | 60,003  |
| 1956.....        | 96,385  | 1,960   | 98,345  |
| 1955.....        | 35,305  | 940     | 36,245  |
| 1954.....        | 48,592  | 719     | 49,311  |
| 1953.....        | 32,761  | 3,625   | 36,386  |
| <i>Domestic—</i> |         |         |         |
| 1957.....        | 289,027 | 5,383   | 294,410 |
| 1956.....        | 277,999 | 8,435   | 286,434 |
| 1955.....        | 305,381 | 3,797   | 309,178 |
| 1954.....        | 277,196 | 3,520   | 280,716 |
| 1953.....        | 238,763 | 6,012   | 244,775 |
| <i>Total—</i>    |         |         |         |
| 1957.....        | 345,561 | 8,852   | 354,413 |
| 1956.....        | 374,384 | 10,395  | 384,779 |
| 1955.....        | 340,686 | 4,737   | 345,423 |
| 1954.....        | 325,788 | 4,239   | 330,027 |
| 1953.....        | 271,524 | 9,637   | 281,161 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| —                | Petroleum<br>Oil, fuel | Gasoline | Coal,<br>bituminous | Sulphur | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wood,<br>unmanu-<br>factured,<br>not<br>otherwise<br>specified | Coal,<br>anthracite | Wallboard | Potatoes | All Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|------------------------|----------|---------------------|---------|---|--|---------------------|-----------|----------|--|---------|
| <i>Foreign—</i>  |                        |          |                     |         |   |  |                     |           |          |  |         |
| Inward—          |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        | 16,735                 | 5,914    | 21,659              | 8,909   |   |  | 3,317               |           |          |  | 56,534  |
| 1956.....        | 9,364                  |          | 65,652              | 16,731  |   |  | 4,638               |           |          |  | 96,385  |
| Outward—         |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        |                        |          |                     |         |   | 3,469  |                     |           |          |  | 3,469   |
| 1956.....        |                        |          |                     |         | 1,960   |  |                     |           |          |  | 1,960   |
| <i>Domestic—</i> |                        |          |                     |         |   |  |                     |           |          |  |         |
| Inward—          |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        | 151,728                | 121,357  | 7,285               |         | 24  |  |                     | 1,108     | 663      | 6,862                                      | 289,027 |
| 1956.....        | 127,058                | 117,603  | 23,364              |         |   |  |                     | 754       | 789      | 8,431                                      | 277,999 |
| Outward—         |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        |                        |          |                     |         | 5,198   |  |                     |           | 45       | 140  | 5,382   |
| 1956.....        |                        |          |                     |         | 4,644   |  |                     |           |          | 3,791                                      | 8,435   |
| <i>Totals—</i>   |                        |          |                     |         |   |  |                     |           |          |  |         |
| Inward—          |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        | 168,463                | 127,271  | 28,944              | 8,909   | 24  |  | 3,317               | 1,108     | 663      | 6,862                                      | 345,561 |
| 1956.....        | 136,422                | 117,603  | 89,016              | 16,731  |   |  | 4,638               | 754       | 789      | 8,431                                      | 374,384 |
| Outward—         |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        |                        |          |                     |         | 5,198   | 3,469  |                     |           | 45       | 140  | 8,852   |
| 1956.....        |                        |          |                     |         | 6,604   |  |                     |           |          | 3,791                                      | 10,395  |
| <i>Total—</i>    |                        |          |                     |         |   |  |                     |           |          |  |         |
| 1957.....        | 168,463                | 127,271  | 28,944              | 8,909   | 5,222   | 3,469  | 3,317               | 1,108     | 708      | 7,002                                      | 354,413 |
| 1956.....        | 136,422                | 117,603  | 89,016              | 16,731  | 6,604   |  | 4,638               | 754       | 789      | 12,222                                     | 384,779 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1957.....         |        |          |       |
| 1956.....         |        |          |       |
| 1955.....         |        |          |       |
| 1954.....         |        |          |       |
| 1953.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |
| <i>Total—</i>     |        |          |       |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| 1953.....         | 4,649  | 4,890    | 9,539 |

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$9,853. The work consisted of general maintenance of wharves, piers, sheds, railway tracks, roads and water system.

## INCOME AND EXPENSE

Operating income amounted to \$110,534, as compared with \$110,108, in 1956. Operating expenses were \$32,022, the corresponding figure in 1956 being \$27,944. Net operating income was \$78,512, as compared with \$82,164 in 1956.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$40,228, as compared with a deficit of \$38,460 in 1956.



## HARBOUR OF CHICOUTIMI

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 986            |          |
| Property Rentals..... | 240               |          |
| Miscellaneous.....    | 24                |          |
|                       | <u>          </u> | \$ 1,250 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 41,530            |         |
| Dockage.....             | 3,353             |         |
| Wharf Space Rentals..... | 56,235            |         |
| Miscellaneous.....       | 10                |         |
|                          | <u>          </u> | 101,128 |

## Permanent Sheds—

|                   |                   |       |
|-------------------|-------------------|-------|
| Shed Rentals..... | 2,225             |       |
| Storage.....      | 4,561             |       |
|                   | <u>          </u> | 6,786 |

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 1,370             |            |
|                             | <u>          </u> | \$ 110,534 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 5,487             |        |
| Wharves and Piers.....      | 10,273            |        |
| Permanent Sheds.....        | 1,379             |        |
| Railway System.....         | 264               |        |
| Miscellaneous Services..... | 835               |        |
|                             | <u>          </u> | 18,238 |

## Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 9,020             |                   |
| Contributions to Public Service Superannuation Account.... | 1,134             |                   |
| Office Expenses.....                                       | 1,206             |                   |
| Other.....   | 2,424             |                   |
|  | <u>          </u> | 13,784            |
|  |                   | <u>          </u> |
|  |                   | 32,022            |

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 78,512 |
|---------------------------|--|--------|

## ADD OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$781 applicable to Reserve Funds)..... | 22,274            |         |
|   | <u>          </u> | 100,786 |

## DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 105,069           |         |
| Provision for Replacement of Capital Assets.....  | 35,836            |         |
| Other.....  | 109               |         |
|   | <u>          </u> | 141,014 |

|                         |    |               |
|-------------------------|----|---------------|
| NET INCOME DEFICIT..... | \$ | <u>40,228</u> |
|-------------------------|----|---------------|



## HARBOUR OF QUEBEC

The harbour of Quebec is situated on the St. Lawrence River about 160 miles below Montreal. It is open to ocean navigation for about eight months in the year. For the first time in the history of the port, regular coastal sailings for the winter season were inaugurated in December, 1957. The facilities operated by the National Harbours Board include 20,200 linear feet of berthing providing 27 deepsea berths and 14 berths for coastal shipping. There are eight transit sheds with a total floor area of about 660,000 square feet; 23 miles of standard gauge terminal railway, connected with both Canadian railways; a grain elevator with a capacity of 4,000,000 bushels and 2,000 linear feet of shipping galleries, with a loading capacity of 90,000 bushels per hour; three marine towers for unloading boats; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75 tons capacity and three locomotive cranes with capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 4,537                   | 6,884,587                    |
| 1956.....          | 4,751                   | 6,588,040                    |
| 1955.....          | 4,467                   | 6,123,183                    |
| 1954.....          | 4,744                   | 5,859,540                    |
| 1953.....          | 4,724                   | 5,516,037                    |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 4,527                   | 6,890,020                    |
| 1956.....          | 4,741                   | 6,578,618                    |
| 1955.....          | 4,464                   | 6,119,396                    |
| 1954.....          | 4,751                   | 5,879,631                    |
| 1953.....          | 4,736                   | 5,533,193                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957              |                        | 1956              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 956               | 4,551,502              | 947               | 4,164,592              |
| Coastal or inland commercial (including fishery)..... | 3,531             | 2,321,399              | 3,771             | 2,414,167              |
| Other.....  | 50                | 11,686                 | 33                | 9,281                  |
| Total.....  | 4,537             | 6,884,587              | 4,751             | 6,588,040              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 956               | 4,551,502              | 947               | 4,164,592              |
| Coastal or inland commercial (including fishery)..... | 3,524             | 2,328,062              | 3,767             | 2,405,448              |
| Other.....  | 47                | 10,456                 | 27                | 8,578                  |
| Total.....  | 4,527             | 6,890,020              | 4,741             | 6,578,618              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1957.....        | 90,636    | 814,425   | 905,061   |
| 1956.....        | 221,161   | 1,040,696 | 1,261,857 |
| 1955.....        | 238,918   | 734,292   | 973,210   |
| 1954.....        | 137,209   | 634,480   | 771,689   |
| 1953.....        | 73,004    | 1,041,579 | 1,026,084 |
| <i>Domestic—</i> |           |           |           |
| 1957.....        | 2,618,079 | 219,036   | 2,837,115 |
| 1956.....        | 2,766,170 | 253,219   | 3,019,383 |
| 1955.....        | 2,280,036 | 143,677   | 2,423,713 |
| 1954.....        | 2,262,669 | 100,841   | 2,363,510 |
| 1953.....        | 2,126,100 | 104,364   | 2,230,464 |
| <i>Total—</i>    |           |           |           |
| 1957.....        | 2,708,715 | 1,033,461 | 3,742,176 |
| 1956.....        | 2,987,331 | 1,293,915 | 4,281,246 |
| 1955.....        | 2,518,954 | 877,969   | 3,396,923 |
| 1954.....        | 2,399,878 | 735,321   | 3,135,199 |
| 1953.....        | 2,199,104 | 1,057,444 | 3,256,548 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Groceries<br>and<br>not<br>otherwise<br>specified | Wood-pulp | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Iron or<br>Steel, in<br>Band, or<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Coal,<br>anthracite | Pulpboard,<br>(except<br>Wallboard) | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Gypsum,<br>crude | Rock and<br>Stone | Explosives,<br>including<br>Fuses and<br>Blasting<br>Caps |
|------------------|---|---|-----------|---|---|---------------------|-------------------------------------|--|------------------|-------------------|---|
| <i>Foreign—</i>  |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| Inward—          |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 14,948  | 71  | .....     | 507   | 9,098   | 13,212              | 71                                  | 886  | .....            | 1,657             | 491   |
| 1956.....        | 6,581   | 798   | .....     | .....   | 17,008  | 13,703              | 94                                  | 1,046  | .....            | .....             | 991   |
| Outward—         |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | .....   | 72  | 11,429    | 10,893  | 2,275   | .....               | 10,029                              | 4,878  | .....            | .....             | 4,131   |
| 1956.....        | 31  | 720   | 11,782    | 15,782  | 600   | .....               | 22,542                              | 8,075  | .....            | .....             | 3,264   |
| <i>Domestic—</i> |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| Inward—          |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 1,485   | 7,307   | .....     | 2,809   | 834   | .....               | .....                               | 3,130  | 5,306            | 3,290             | 453   |
| 1956.....        | 40  | 7,906   | .....     | 3,245   | 1,665   | .....               | .....                               | 2,866  | 17,535           | 8,030             | .....   |
| Outward—         |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 838   | 9,638   | 4,374     | 632   | 1,135   | .....               | 95                                  | 545  | .....            | 176               | .....   |
| 1956.....        | 978   | 7,812   | .....     | 719   | 3,271   | .....               | .....                               | 481  | .....            | 3,110             | 62  |
| <i>Totals—</i>   |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| Inward—          |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 16,433  | 7,378   | .....     | 3,316   | 9,932   | 13,212              | 71                                  | 4,016  | 5,306            | 4,947             | 944   |
| 1956.....        | 6,621   | 8,704   | .....     | 3,245   | 18,673  | 13,703              | 94                                  | 3,912  | 17,535           | 8,030             | 991   |
| Outward—         |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 838   | 9,710   | 15,803    | 11,525  | 3,410   | .....               | 10,124                              | 5,423  | .....            | 176               | 4,131   |
| 1956.....        | 1,009   | 8,532   | 11,782    | 16,501  | 3,871   | .....               | 22,542                              | 8,556  | .....            | 3,110             | 3,326   |
| Total—           |   |   |           |   |   |                     |                                     |  |                  |                   |   |
| 1957.....        | 17,271  | 17,088  | 15,803    | 14,841  | 13,342  | 13,212              | 10,195                              | 9,439  | 5,306            | 5,123             | 5,075   |
| 1956.....        | 7,630   | 17,236  | 11,782    | 19,740  | 22,544  | 13,703              | 22,636                              | 12,468   | 17,535           | 11,140            | 4,317   |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Motor<br>Vehicles<br>and Parts | Wallboard | Salt,<br>coarse,<br>in bulk,<br>bags or<br>blocks | Beverages,<br>alcoholic | Glass and<br>Glass<br>Manu-<br>factures | Brick | Food-<br>stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | Flour,<br>wheat | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--------------------------------|-----------|---|-------------------------|---|-------|--|-----------------|--|-----------|
| <i>Foreign—</i>  |                                |           |   |                         |   |       |  |                 |  |           |
| Inward—          |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 3,941                          |           | 184   | 3,043                   | 2,574                                   | 1,454 | 601  |                 | 12,300                                     | 90,636    |
| 1956.....        |                                |           |   | 4,449                   | 3,285                                   | 2,048 |  |                 | 79,121                                     | 221,161   |
| Outward—         |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 70                             | 32        |   | 3                       |   |       | 540  | 105             | 4,084                                      | 814,425   |
| 1956.....        |                                |           |   |                         |   |       | 1,277  | 4,950           | 4,117                                      | 1,040,696 |
| <i>Domestic—</i> |                                |           |   |                         |   |       |  |                 |  |           |
| Inward—          |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 317                            | 3,856     | 3,287   | 153                     |   |       | 736  |                 | 8,005                                      | 2,618,079 |
| 1956.....        |                                |           |   | 712                     |   |       | 567  | 559             | 18,522                                     | 2,766,170 |
| Outward—         |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 604                            | 46        | 285   | 156                     |   | 1,062 | 536  | 2,165           | 23,366                                     | 219,036   |
| 1956.....        |                                |           |   | 102                     | 103                                     | 1,312 | 541  | 2,136           | 28,542                                     | 255,219   |
| <i>Totals—</i>   |                                |           |   |                         |   |       |  |                 |  |           |
| Inward—          |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 4,258                          | 3,856     | 3,471   | 3,196                   | 2,574                                   | 1,454 | 1,337  |                 | 20,305                                     | 2,708,715 |
| 1956.....        |                                |           |   | 5,161                   | 3,285                                   | 2,048 | 567  | 559             | 97,043                                     | 2,987,331 |
| Outward—         |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 674                            | 78        | 285   | 159                     |   | 1,062 | 1,076  | 2,270           | 27,450                                     | 1,033,461 |
| 1956.....        |                                |           |   | 102                     | 103                                     | 1,312 | 1,818  | 7,086           | 32,659                                     | 1,293,915 |
| <i>Total—</i>    |                                |           |   |                         |   |       |  |                 |  |           |
| 1957.....        | 4,932                          | 3,934     | 3,756   | 3,355                   | 3,574                                   | 2,516 | 2,413  | 2,270           | 47,755                                     | 3,742,176 |
| 1956.....        |                                |           |   | 5,263                   | 3,388                                   | 3,380 | 2,385  | 7,645           | 130,302                                    | 4,281,246 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1957.....         | 51,076 | 23,162   | 74,238  |
| 1956.....         | 43,607 | 19,703   | 63,310  |
| 1955.....         | 54,021 | 41,909   | 95,930  |
| 1954.....         | 67,004 | 33,467   | 100,471 |
| 1953.....         | 77,257 | 33,354   | 110,611 |
| <i>Coastwise—</i> |        |          |         |
| 1957.....         | 14,871 | 13,428   | 28,299  |
| 1956.....         | 13,852 | 14,387   | 28,239  |
| 1955.....         | 18,946 | 19,335   | 38,281  |
| 1954.....         | 11,935 | 14,233   | 26,168  |
| 1953.....         | 11,228 | 10,131   | 21,359  |
| <i>Total—</i>     |        |          |         |
| 1957.....         | 65,947 | 36,590   | 102,537 |
| 1956.....         | 57,459 | 34,090   | 91,549  |
| 1955.....         | 72,967 | 61,244   | 134,211 |
| 1954.....         | 78,939 | 47,700   | 126,639 |
| 1953.....         | 88,485 | 43,485   | 131,970 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1957.....         | 10,278,683 | 8,893,999  | 19,172,682 |
| 1956.....         | 13,392,558 | 17,231,821 | 30,624,379 |
| 1955.....         | 12,726,672 | 9,399,812  | 22,126,484 |
| 1954.....         | 11,102,895 | 8,611,944  | 19,714,839 |
| 1953.....         | 7,557,035  | 22,992,048 | 30,549,083 |
| <i>Via rail—</i>  |            |            |            |
| 1957.....         | 8,648,455  | 8,027,290  | 16,675,745 |
| 1956.....         | 13,399,400 | 8,245,860  | 21,645,260 |
| 1955.....         | 5,956,805  | 7,801,462  | 13,758,267 |
| 1954.....         | 6,197,002  | 6,931,627  | 13,128,629 |
| 1953.....         | 23,055,301 | 4,067,367  | 27,122,668 |
| <i>Via other—</i> |            |            |            |
| 1957.....         | 112        | 1,630,574  | 1,630,686  |
| 1956.....         | 5,851      | 1,442,846  | 1,448,697  |
| 1955.....         | 55,352     | 1,729,726  | 1,785,078  |
| 1954.....         | 170        | 1,605,251  | 1,605,421  |
| 1953.....         |            | 1,213,610  | 1,213,610  |
| <i>Total—</i>     |            |            |            |
| 1957.....         | 18,927,250 | 18,551,863 | 37,479,113 |
| 1956.....         | 26,797,809 | 26,920,527 | 53,718,336 |
| 1955.....         | 18,738,829 | 18,931,000 | 37,669,829 |
| 1954.....         | 17,300,067 | 17,148,822 | 34,448,889 |
| 1953.....         | 30,612,336 | 28,273,025 | 58,885,361 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1957, with comparison for 1956.

|  | 1957   | 1956   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 18,439 | 22,825 |
| Non-revenue cars.....  | 10,628 | 10,971 |
| Total.....   | 29,067 | 33,796 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,522 | 13,115 |
| Non-revenue cars.....  | 16,414 | 20,419 |
| Total.....   | 28,936 | 33,534 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 86     | 118    |
| Non-revenue cars.....  | 86     | 118    |
| Total.....   | 172    | 236    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 31,047 | 36,058 |
| Non-revenue cars.....  | 27,128 | 31,508 |
| Total.....   | 58,175 | 67,566 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$840,746. During the season, Marine Industries Limited fulfilled their contract for dredging the St. Charles River estuary to a depth of 36 feet below lowest tide, the dredged material being deposited behind a timber bulkhead and sand dyke erected on the north-east bank of the St. Charles River estuary. Other main items were replacement of 1,161 feet of grain elevator belting; replacing of electric power distribution panelboard at loading point No. 2 of the grain elevator; painting of the two marine towers at the outer basin and of the outshore side and both ends of shed "A", and reconditioning shed No. 6 and the office at the south end on the second deck.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,998,106. The principal items were:—

*Construction of Oil Berth at Wolfe's Cove Terminals.*—A contract was awarded to McNamara Construction Company Limited in October, 1955, for the construction of an oil wharf 590 feet in length, of steel sheet piling cellular bulkhead construction with the cells filled with gravel, the made ground being held in place by a rock dyke 1,350 feet in length. The work was completed in November, 1957.

A contract was awarded to Marine Industries Limited in September, 1956, to fill, with material dredged from the river, the space behind the quay wall and rock dyke thereby reclaiming a ground area of a million square feet. The work was completed in September, 1957.

*Reconstruction of Berth No. 8, Pointe-a-Carcy.*—In June, 1956, a contract was awarded to Royalmount Construction Limited for the reconstruction of berth No. 8. The quay wall, 423 feet in length, behind which was placed dry fill, was constructed of steel sheet piles. The work was completed in October, 1957.

*Reconditioning and Widening Berth No. 18.*—A contract was awarded to E.G.M. Cape & Company (1956) Limited, in June, 1957, for the reconditioning and widening of berth No. 18. The work consists of sinking in place on the St. Lawrence River side of the Breakwater seven concrete cribs 46 feet wide and 40 feet high, on a total length of 802 feet. These cribs are designed to carry the weight of the two mobile grain unloading marine towers. Approximately 42% of the work was completed during 1957.

*Widening Shed No. 6, Point-a-Carcy.*—Storage shed No. 6 was widened by 28 feet on its entire length of 380 feet. The work was carried out by Board forces with the exception of the steelwork which was fabricated and erected by the Eastern Canada Steel & Iron Works Limited. The shed was ready for occupancy in November.

*Dust Collector System, Grain Elevator.*—A contract was awarded to the Day Company of Canada Limited in March, 1957, for the fabrication of the equipment for a dust collecting system which was installed by the Board's forces on the bin and transmission floors of the working house and on the cupola floor of the centre storage of the grain elevator. The work was completed during 1957.

## INCOME AND EXPENSE

Operating income amounted to \$1,972,806, as compared with \$2,078,286 in 1956, the decrease being \$105,480. Operating expenses were \$1,929,407, as compared with \$1,955,500 in 1956. Net operating income was \$43,399 in 1957, as compared with \$122,786 in 1956.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed an income deficit of \$1,152,700, as compared with a deficit of \$1,038,723 in 1956.



# Harbour of Quebec BALANCE SHEET AS AT DECEMBER 31, 1957

## ASSETS

|   |                   |  |
|---|-------------------|--|
| CURRENT—  |                   |  |
| Cash.....   | \$ 308,451        |  |
| Accounts Receivable.....  | \$ 238,256        |  |
| Less: Provision for Doubtful Accounts..   | 1,377             |  |
| Accrued Income.....   | 236,879           |  |
|   | 581               |  |
| Prepaid Expenses—   |                   |  |
| Stores on Hand.....   | 96,820            |  |
| Other.....  | 1,721             |  |
| Miscellaneous.....  | 98,541            |  |
|   | 945               |  |
|   | <u>\$ 645,397</u> |  |
| RESERVE FUND ASSETS—  |                   |  |
| (Cash, \$56,508; bonds, at amortized cost, \$1,583,096,<br>market value, \$1,510,134) held for: |                   |  |
| Replacement of Capital Assets.....  | 1,462,507         |  |
| Fire and General Insurance.....   | 177,097           |  |
|   | <u>1,639,604</u>  |  |

## SPECIAL FUND ASSETS—

|  |         |
|--|---------|
| (Cash, \$28,997; bonds, \$156,000) held for: |         |
| Contractors' Security Deposits.....          | 184,997 |

## PRELIMINARY CAPITAL EXPENSE.....

382

## DEBIT BALANCES IN SUSPENSE.....

9,816

## CAPITAL ASSETS—

|                                   |            |
|-----------------------------------|------------|
| (At cost or estimated cost)       |            |
| Harbour Dredging.....             | 3,603,197  |
| Real Estate.....                  | 289,283    |
| Vehicular Bridges.....            | 171,869    |
| Roads, Fences and Boundaries..... | 256,054    |
| Sewers and Drains.....            | 290,810    |
| Miscellaneous Structures.....     | 123,925    |
| Wharves and Piers.....            | 15,914,855 |

## LIABILITIES

|   |    |                   |
|---|----|-------------------|
| CURRENT—  |    |                   |
| Accounts Payable and Accrued Liabilities—General                              | \$ | 221,785           |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                                |    | 94,260            |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                                  |    | 184,997           |
| CONTRACTORS' HOLDBACKS.....   |    | 143,173           |
| DEFERRED INCOME.....  |    | 24,715            |
|   |    | <u>668,930</u>    |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                               |    |                   |
| Assets transferred to the Board on its establishment<br>and subsequently..... | \$ | 2,603,019         |
| Loans and Advances.....   |    | 33,532,915        |
| Interest in arrears on Loans and Advances.....                                |    | 18,687,084        |
| RESERVES:   |    |                   |
| Replacement of Capital Assets.....  | \$ | 9,343,287         |
| Fire and General Insurance.....   |    | 177,097           |
|   |    | <u>9,520,384</u>  |
|   |    | <u>64,403,402</u> |

|  |                   |                   |                      |
|--|-------------------|-------------------|----------------------|
| Permanent Sheds.....   | 3,855,791         |                   |                      |
| Shed Hoists and Electric Cranes.....   | 12,000            |                   |                      |
| Railway System.....  | 982,936           |                   |                      |
| Grain Elevator System.....   | 4,256,023         |                   |                      |
| Cold Storage System.....   | 778,209           |                   |                      |
| Office Furniture and Appliances.....   | 18,945            |                   |                      |
| Harbour Buildings.....   | 220,400           |                   |                      |
| Central Heating Plants.....  | 9,515             |                   |                      |
| Harbour Shops.....   | 29,296            |                   |                      |
| Electric Power System.....   | 161,927           |                   |                      |
| Water Supply System.....   | 37,956            |                   |                      |
| Floating Equipment.....  | 100,215           |                   |                      |
| Shore Equipment.....   | 67,301            |                   |                      |
| Miscellaneous Small Plant.....   | 34,182            |                   |                      |
| Works under Construction.....  | 642,238           |                   |                      |
|  | <u>31,856,927</u> |                   |                      |
|  |                   |                   | <u>\$ 34,337,123</u> |
|  |                   |                   | <u>\$ 34,337,123</u> |
| Deduct: Deficit—   |                   |                   |                      |
| Balance as at Jan. 1, 1957.....  | 29,574,733        |                   |                      |
| Add: Prior years' adjustments.....   | 7,776             |                   |                      |
| Net Income Deficit for the year ended December 31, 1957 per statement of Income and Expense..... | <u>1,152,700</u>  |                   |                      |
|  |                   | <u>30,735,209</u> |                      |
|  |                   |                   | <u>33,668,193</u>    |

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |           |         |
|-----------------------|-----------|---------|
| Harbour Dues.....     | \$ 41,106 |         |
| Property Rentals..... | 77,307    |         |
| Miscellaneous.....    | 5,860     |         |
|                       | <u>\$</u> | 124,273 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 369,387 |         |
| Dockage.....             | 130,090 |         |
| Wharf Space Rentals..... | 62,347  |         |
| Miscellaneous.....       | 2,094   |         |
|                          | <u></u> | 563,918 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 294,179 |         |
| Storage.....       | 331,816 |         |
| Miscellaneous..... | 16,617  |         |
|                    | <u></u> | 642,612 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 132,793 |         |
| Miscellaneous..... | 46,935  |         |
|                    | <u></u> | 179,728 |

## Permanent Sheds—

|                   |         |        |
|-------------------|---------|--------|
| Shed Rentals..... | 19,393  |        |
| Storage.....      | 15,628  |        |
|                   | <u></u> | 35,021 |

Railway System..... 211,315

Miscellaneous Services..... 215,939

\$ 1,972,806

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |         |           |
|---|---------|-----------|
| Harbour (Including \$473,878 for dredging)..... | 678,543 |           |
| Wharves and Piers.....                          | 68,520  |           |
| Grain Elevator System.....                      | 326,944 |           |
| Cold Storage System.....                        | 160,357 |           |
| Permanent Sheds.....                            | 119,006 |           |
| Railway System.....                             | 216,005 |           |
| Miscellaneous Services.....                     | 194,077 |           |
|   | <u></u> | 1,763,452 |

## Administrative—

|  |         |         |
|--|---------|---------|
| Salaries.....  | 68,936  |         |
| Contributions to Public Service Superannuation Account.... | 42,882  |         |
| Office expenses.....                                       | 2,839   |         |
| Other.....   | 51,298  |         |
|  | <u></u> | 165,955 |

1,929,407

NET OPERATING INCOME..... 43,399

## ADD OTHER INCOME—

|  |         |                |
|--|---------|----------------|
| Income from Investments (less \$29,489 applicable to Reserve Funds)..... | 45,685  |                |
| Miscellaneous.....   | 15,757  |                |
|  | <u></u> | 61,442         |
|  |         | <u>104,841</u> |

## DEDUCT SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 902,729 |           |
| Provision for Replacement of Capital Assets.....  | 350,630 |           |
| Other.....  | 4,182   |           |
|   | <u></u> | 1,257,541 |

NET INCOME DEFICIT..... \$ 1,152,700

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation each year for about eight months from early in April. The facilities operated by the National Harbours Board include 8,050 linear feet of wharves which provide 16 deepsea berths, with a minimum water depth of 30 feet, and two berths for coastal or small vessels. There are seven transit sheds with a total floor area of about 229,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 3,226                   | 2,243,346                    |
| 1956.....          | 3,308                   | 2,400,433                    |
| 1955.....          | 2,949                   | 2,124,308                    |
| 1954.....          | 3,248                   | 2,067,984                    |
| 1953.....          | 2,857                   | 1,822,341                    |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 3,222                   | 2,239,669                    |
| 1956.....          | 3,309                   | 2,406,509                    |
| 1955.....          | 2,946                   | 2,120,074                    |
| 1954.....          | 3,249                   | 2,066,469                    |
| 1953.....          | 2,856                   | 1,822,148                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957                    |                              | 1956                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 382                     | 1,096,297                    | 368                     | 1,093,177                    |
| Coastal or inland commercial (including fishery)..... | 2,777                   | 1,079,995                    | 2,823                   | 1,216,155                    |
| Other.....  | 67                      | 67,054                       | 117                     | 91,101                       |
| Total.....  | 3,226                   | 2,243,346                    | 3,308                   | 2,400,433                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 382                     | 1,096,297                    | 368                     | 1,093,177                    |
| Coastal or inland commercial (including fishery)..... | 2,773                   | 1,076,318                    | 2,825                   | 1,222,424                    |
| Other.....  | 67                      | 67,054                       | 116                     | 90,908                       |
| Total.....  | 3,222                   | 2,239,669                    | 3,309                   | 2,406,509                    |

(Exclusive of naval vessels)



TRAFFIC

CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1957.....        | 308,454   | 579,215 | 887,669   |
| 1956.....        | 279,870   | 744,118 | 1,023,988 |
| 1955.....        | 186,280   | 483,894 | 670,174   |
| 1954.....        | 292,721   | 475,790 | 768,511   |
| 1953.....        | 264,016   | 620,940 | 884,956   |
| <i>Domestic—</i> |           |         |           |
| 1957.....        | 2,519,568 | 10,134  | 2,529,792 |
| 1956.....        | 2,565,228 | 16,218  | 2,581,446 |
| 1955.....        | 2,312,031 | 8,547   | 2,320,578 |
| 1954.....        | 2,415,997 | 37,005  | 2,453,002 |
| 1953.....        | 2,126,089 | 33,011  | 2,159,100 |
| <i>Total—</i>    |           |         |           |
| 1957.....        | 2,828,022 | 589,349 | 3,417,371 |
| 1956.....        | 2,845,098 | 760,336 | 3,605,434 |
| 1955.....        | 2,498,311 | 492,441 | 2,990,752 |
| 1954.....        | 2,708,718 | 512,795 | 3,221,513 |
| 1953.....        | 2,390,105 | 653,951 | 3,044,056 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Pulpwood  | Grain   | Coal,<br>bituminous | Petroleum<br>Oil,<br>fuel | Paper,<br>newsprint | Gasoline | Calcium<br>Carbide | Sulphur | Aluminum<br>in bars,<br>billets,<br>blocks,<br>ingots, pigs,<br>rods, sheets<br>or slabs | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Salt  |
|------------------|-----------|---------|---------------------|---------------------------|---------------------|----------|--------------------|---------|--|--|-------|
| <i>Foreign—</i>  |           |         |                     |                           |                     |          |                    |         |  |  |       |
| Inward—          |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        |           |         | 208,744             | 36,146                    |                     | 13,718   |                    | 28,827  |  |  | 6,711 |
| 1956.....        |           | 2,441   | 132,113             | 55,360                    |                     | 11,250   |                    | 35,794  |  |  | 6,701 |
| Outward—         |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        |           | 300,888 |                     | 3,808                     | 185,574             |          | 36,186             |         | 20,808   | 14,031   |       |
| 1956.....        |           | 500,562 |                     | 4,370                     | 158,878             |          | 19,064             |         | 8,044  | 27,381   |       |
| <i>Domestic—</i> |           |         |                     |                           |                     |          |                    |         |  |  |       |
| Inward—          |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        | 1,699,706 | 312,360 | 207,447             | 229,530                   |                     | 48,866   |                    |         |  |  |       |
| 1956.....        | 1,663,547 | 452,140 | 128,072             | 246,676                   |                     | 51,803   |                    |         |  |  |       |
| Outward—         |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        |           | 72      |                     |                           |                     |          | 110                |         | 916  |  |       |
| 1956.....        |           |         |                     | 5,056                     |                     |          |                    |         | 184  |  |       |
| <i>Totals—</i>   |           |         |                     |                           |                     |          |                    |         |  |  |       |
| Inward—          |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        | 1,699,706 | 312,360 | 416,191             | 265,676                   |                     | 62,584   |                    | 28,827  |  |  | 6,711 |
| 1956.....        | 1,663,547 | 454,581 | 260,185             | 302,036                   |                     | 63,053   |                    | 35,794  |  |  | 6,701 |
| Outward—         |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        |           | 300,960 |                     | 3,808                     | 185,574             |          | 36,186             |         | 21,724   | 14,031   |       |
| 1956.....        |           | 500,562 |                     | 9,426                     | 158,878             |          | 19,174             |         | 8,228  | 27,381   |       |
| <i>Total—</i>    |           |         |                     |                           |                     |          |                    |         |  |  |       |
| 1957.....        | 1,699,706 | 613,320 | 416,191             | 269,484                   | 185,574             | 62,584   | 36,186             | 28,827  | 21,724   | 14,031   | 6,711 |
| 1956.....        | 1,663,547 | 955,143 | 260,185             | 311,462                   | 158,878             | 63,053   | 19,174             | 35,794  | 8,228  | 27,381   | 6,701 |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Coal,<br>anthracite | Clay  | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wallboard | Hay | Iron or<br>Steel<br>Tubes,<br>Pipe<br>and<br>Fittings | Iron or<br>Steel<br>Wire and<br>Manu-<br>factures | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|---------------------|-------|---|-----------|-----|---|---|--|-----------|
| <i>Foreign—</i>  |                     |       |   |           |     |   |   |  |           |
| Inward—          |                     |       |   |           |     |   |   |  |           |
| 1957.....        | 4,427               | 3,645 | 840   |           |     | 42  | 684   | 4,670                                      | 308,454   |
| 1956.....        | 5,567               | 1,077 | 4,192   |           |     | 1,019   | 221   | 24,135                                     | 279,870   |
| Outward—         |                     |       |   |           |     |   |   |  |           |
| 1957.....        |                     |       | 274   | 144       | 13  | 216   |   | 17,273                                     | 579,215   |
| 1956.....        |                     |       | 881   | 8         |     |   |   | 24,930                                     | 744,118   |
| <i>Domestic—</i> |                     |       |   |           |     |   |   |  |           |
| Inward—          |                     |       |   |           |     |   |   |  |           |
| 1957.....        |                     |       | 1,811   | 1,373     |     |   |   | 18,475                                     | 2,519,568 |
| 1956.....        |                     |       | 977   | 1,782     |     |   |   | 20,231                                     | 2,565,228 |
| Outward—         |                     |       |   |           |     |   |   |  |           |
| 1957.....        |                     |       |   |           | 835 | 475   |   | 7,836                                      | 10,134    |
| 1956.....        |                     |       |   |           |     |   | 899   | 9,969                                      | 16,218    |
| <i>Totals—</i>   |                     |       |   |           |     |   |   |  |           |
| Inward—          |                     |       |   |           |     |   |   |  |           |
| 1957.....        | 4,427               | 3,645 | 2,651   | 1,373     |     | 42  | 684   | 23,145                                     | 2,828,022 |
| 1956.....        | 5,567               | 1,077 | 5,169   | 1,782     |     | 1,019   | 221   | 44,366                                     | 2,845,098 |
| Outward—         |                     |       |   |           |     |   |   |  |           |
| 1957.....        |                     |       | 274   | 144       | 848 | 691   |   | 25,109                                     | 589,349   |
| 1956.....        |                     |       | 881   | 8         |     |   | 899   | 34,899                                     | 760,336   |
| <i>Total—</i>    |                     |       |   |           |     |   |   |  |           |
| 1957.....        | 4,427               | 3,645 | 2,925   | 1,517     | 848 | 733   | 684   | 48,254                                     | 3,417,371 |
| 1956.....        | 5,567               | 1,077 | 6,050   | 1,790     |     | 1,019   | 1,120   | 79,265                                     | 3,605,434 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1957.....         | 10,628,779 | 10,108,534 | 20,737,313 |
| 1956.....         | 15,592,077 | 16,783,713 | 32,375,790 |
| 1955.....         | 9,868,351  | 9,520,286  | 19,388,637 |
| 1954.....         | 8,558,423  | 8,842,656  | 17,401,079 |
| 1953.....         | 13,202,791 | 14,025,685 | 27,228,476 |
| <i>Via rail—</i>  |            |            |            |
| 1957.....         | 1,563,352  | 224,872    | 1,788,224  |
| 1956.....         | 2,865,643  | 214,046    | 3,079,689  |
| 1955.....         | 24,960     | 108,267    | 133,227    |
| 1954.....         | 3,972,955  | 3,000      | 3,975,955  |
| 1953.....         | 1,943,521  | 8,500      | 1,952,021  |
| <i>Via other—</i> |            |            |            |
| 1957.....         |            | 747,082    | 747,082    |
| 1956.....         |            | 638,837    | 638,837    |
| 1955.....         |            | 487,016    | 487,016    |
| 1954.....         |            | 251,690    | 251,690    |
| 1953.....         |            | 178,830    | 178,830    |
| <i>Total—</i>     |            |            |            |
| 1957.....         | 12,192,131 | 11,080,488 | 23,272,619 |
| 1956.....         | 18,457,720 | 17,636,596 | 36,094,316 |
| 1955.....         | 9,893,311  | 10,115,569 | 20,008,880 |
| 1954.....         | 12,531,378 | 9,097,346  | 21,628,724 |
| 1953.....         | 15,146,312 | 14,213,015 | 29,359,327 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$29,085. This provided for the general maintenance of all wharves, transit sheds, roads and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$227,526. The work consisted of:—

*Construction of Shed No. 11.*—A contract was awarded to Cambrian Construction Limited in May, 1957, for the construction of a steel frame transit shed at section 11, 550 feet long by 100 feet wide, with corrugated aluminum sheathing. Approximately 53% of the work was completed during 1957.

## INCOME AND EXPENSE

Operating income amounted to \$406,177 as compared with \$393,156 in 1956, while operating expenses were \$69,407 as against \$179,035 in 1956, a decrease of \$109,628 largely accounted for by a reduction in the cost of maintenance dredging. Net operating income was \$336,770, as compared with \$214,121 in 1956, an increase of \$122,649.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$201,415 in 1957, as compared with a surplus of \$75,053 in the previous year.



## Harbour of Three Rivers

## BALANCE SHEET AS AT DECEMBER 31, 1957

## ASSETS

| CURRENT—   |                  |
|--|------------------|
| Cash.....  | \$ 323,792       |
| Accounts Receivable.....   | 11,165           |
| Accrued Income.....  | 19,374           |
| Prepaid Expenses—  |                  |
| Stores on Hand.....  | 293              |
|  | <u>354,624</u>   |
| RESERVE FUND ASSETS—   |                  |
| (Cash, \$53,579; bonds, at amortized cost, \$2,043,303, market value, \$1,941,601) held for: |                  |
| Replacement of Capital Assets.....   | 1,999,097        |
| Fire and General Insurance.....  | 82,451           |
| Special Maintenance.....   | 20,334           |
|  | <u>2,101,882</u> |
| SPECIAL FUND ASSETS—   |                  |
| (Cash) Contractors' Security Deposits.....   | 33,767           |
| PRELIMINARY CAPITAL EXPENSE.....   | 10,564           |
|  | <u>44,331</u>    |
| CAPITAL ASSETS—  |                  |
| (At cost or estimated cost)  |                  |
| Real Estate.....   | 61,790           |
| Roads, Fences and Boundaries.....  | 66,932           |
| Miscellaneous Structures.....  | 1,281            |
| Wharves and Piers.....   | 4,820,313        |
| Permanent Sheds.....   | 1,235,313        |
| Railway System.....  | 26,611           |
| Office Furniture and Appliances.....   | 2,771            |
| Electric Power System.....   | 11,513           |
| Water Supply System.....   | 12,392           |
| Shore Equipment.....   | 1,201            |
| Miscellaneous Small Plant.....   | 955              |
| Works under Construction.....  | 227,526          |
|  | <u>6,168,598</u> |

\$ 8,669,435

## LIABILITIES

| CURRENT—  |                  |
|---|------------------|
| Accounts Payable and Accrued Liabilities—General.....                                     | \$ 1,562         |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....  | 92,280           |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....  | 33,767           |
| CONTRACTORS' HOLDBACKS.....   | 21,952           |
|   | <u>45,634</u>    |
| DEFERRED INCOME.....  | 195,195          |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                  |
| Assets transferred to the Board on its establishment and subsequently.....                | \$ 693,807       |
| Loans and Advances.....   | 4,301,837        |
|   | <u>4,995,644</u> |
| RESERVES:   |                  |
| Replacement of Capital Assets.....  | \$ 1,999,290     |
| Fire and General Insurance.....   | 82,451           |
| Special Maintenance.....  | 20,334           |
|   | <u>2,102,075</u> |
|   | 7,097,719        |
| ADD: SURPLUS—   |                  |
| Balance as at Jan. 1, 1957.....   | 1,175,106        |
| Add: Net Income for the year ended Dec. 31, 1957 per statement of Income and Expense..... | 201,415          |
|   | <u>1,376,521</u> |
|   | 8,474,240        |

\$ 8,669,435

## HARBOUR OF THREE RIVERS

## STATEMENT OF INCOME AND EXPENSES FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 13,010         |           |
| Property Rentals..... | 2,152             |           |
|                       | <u>          </u> | \$ 15,162 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 187,012           |         |
| Dockage.....             | 41,752            |         |
| Wharf Space Rentals..... | 84,485            |         |
|                          | <u>          </u> | 313,249 |

## Permanent Sheds—

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Shed Rentals.....           | 73,185            |            |
| Miscellaneous Services..... | 4,581             |            |
|                             | <u>          </u> | \$ 406,177 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |                   |        |
|--|-------------------|--------|
| Harbour (including \$20,000 for dredging)..... | 32,036            |        |
| Wharves and Piers.....                         | 374               |        |
| Permanent Sheds.....                           | 9,628             |        |
| Miscellaneous Services.....                    | 1,993             |        |
|  | <u>          </u> | 44,031 |

## Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 17,105            |                   |
| Contributions to Public Service Superannuation Account.... | 1,371             |                   |
| Office Expenses.....                                       | 1,003             |                   |
| Other.....   | 5,897             |                   |
|  | <u>          </u> | 25,376            |
|  |                   | <u>          </u> |
|  |                   | 69,407            |

NET OPERATING INCOME..... 336,770

## ADD OTHER INCOME—

|   |                   |                   |
|---|-------------------|-------------------|
| Income from Investments (less \$2,833 applicable to Reserve Funds)..... | 65,917            |                   |
| Miscellaneous.....  | 6                 |                   |
|   | <u>          </u> | 65,923            |
|   |                   | <u>          </u> |
|   |                   | 402,693           |

## DEDUCT SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 116,272           |         |
| Provision for Replacement of Capital Assets.....  | 85,001            |         |
| Provision for doubtful accounts.....              | 5                 |         |
|   | <u>          </u> | 201,278 |

NET INCOME..... \$ 201,415

HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 62 miles of terminal railway operated by the National Harbours Board. The harbour is open to navigation for about eight months each year, beginning early in April. The Board operates main piers, wharves and jetties providing 121 berths, totalling about 11 miles of berthing accommodation; 34 transit sheds, with an aggregate floor area of 2,565,000 square feet; also four grain elevators, with a total storage capacity of 15,162,000 bushels, and 3 $\frac{2}{3}$  miles of grain conveyor galleries; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and six locomotive cranes are available.

SHIPPING

VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 5,426                   | 9,738,951                    |
| 1956.....          | 5,685                   | 10,141,530                   |
| 1955.....          | 5,227                   | 9,133,529                    |
| 1954.....          | 5,104                   | 9,099,820                    |
| 1953.....          | 5,221                   | 9,096,180                    |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 5,420                   | 9,731,126                    |
| 1956.....          | 5,701                   | 10,154,025                   |
| 1955.....          | 5,209                   | 9,117,928                    |
| 1954.....          | 5,102                   | 9,094,594                    |
| 1953.....          | 5,217                   | 9,094,118                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957              |                        | 1956              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,253             | 6,378,636              | 2,248             | 6,474,810              |
| Coastal or inland commercial (including fishery)..... | 3,086             | 3,329,822              | 3,374             | 3,642,511              |
| Other.....  | 87                | 30,493                 | 63                | 24,209                 |
| Total.....  | 5,426             | 9,738,951              | 5,685             | 10,141,530             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,253             | 6,406,725              | 2,248             | 6,480,135              |
| Coastal or inland commercial (including fishery)..... | 3,077             | 3,291,688              | 3,386             | 3,648,326              |
| Other.....  | 90                | 32,713                 | 67                | 25,564                 |
| Total.....  | 5,420             | 9,731,126              | 5,701             | 10,154,025             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1957.....        | 4,585,523 | 4,136,739 | 8,722,262  |
| 1956.....        | 5,034,543 | 5,280,573 | 10,315,116 |
| 1955.....        | 4,167,912 | 3,925,740 | 8,093,652  |
| 1954.....        | 4,657,381 | 4,092,333 | 8,749,714  |
| 1953.....        | 4,014,955 | 5,368,419 | 9,383,374  |
| <i>Domestic—</i> |           |           |            |
| 1957.....        | 3,485,986 | 3,652,536 | 7,138,522  |
| 1956.....        | 4,249,803 | 3,863,916 | 8,113,719  |
| 1955.....        | 4,182,747 | 3,564,167 | 7,746,914  |
| 1954.....        | 4,202,578 | 3,206,131 | 7,408,709  |
| 1953.....        | 4,392,198 | 3,123,769 | 7,515,967  |
| <i>Total—</i>    |           |           |            |
| 1957.....        | 8,071,509 | 7,789,275 | 15,860,784 |
| 1956.....        | 9,284,346 | 9,144,439 | 18,428,835 |
| 1955.....        | 8,350,659 | 7,489,907 | 15,840,566 |
| 1954.....        | 8,859,959 | 7,298,464 | 16,158,423 |
| 1953.....        | 8,407,153 | 8,492,188 | 16,899,341 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)  
 Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Petroleum<br>Oil, fuel | Coal,<br>bituminous | Petroleum<br>Oil, crude | Gasoline  | Sugar,<br>raw | Iron or<br>Steel, in<br>billets,<br>blooms,<br>ingots,<br>pigs, sheet,<br>bars or<br>slabs | Iron<br>Steel,<br>or<br>scrap | Gypsum,<br>crude | Motor<br>Vehicles<br>and<br>Parts | Flour,<br>wheat |
|------------------|-----------|------------------------|---------------------|-------------------------|-----------|---------------|--|-------------------------------|------------------|-----------------------------------|-----------------|
| <i>Foreign—</i>  |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| Inward—          |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 279,896   | 403,383                | 211,948             | 1,100,296               | 123,523   | 380,866       | 143,808  | .....                         | .....            | 233,111                           | 39              |
| 1956.....        | 61,422    | 294,309                | 294,485             | 1,561,873               | 104,355   | 393,942       | 14,549   | .....                         | .....            | 40,971                            | .....           |
| Outward—         |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 1,996,810 | 88,733                 | .....               | .....                   | 5,024     | .....         | 193,126  | 292,712                       | .....            | 41,347                            | 257,861         |
| 1956.....        | 3,393,448 | 67,238                 | .....               | .....                   | 125       | 3             | 26,882   | 172,893                       | .....            | 40,404                            | 316,480         |
| <i>Domestic—</i> |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| Inward—          |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 1,721,944 | 168,292                | 1,166,834           | .....                   | 93,561    | .....         | .....  | .....                         | .....            | 540                               | 57              |
| 1956.....        | 2,674,419 | 55,193                 | 987,902             | 59,698                  | 73,417    | .....         | .....  | 600                           | .....            | 165                               | .....           |
| Outward          |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 462       | 2,121,595              | 730                 | 64,810                  | 873,748   | .....         | .....  | .....                         | .....            | 3,845                             | 4,229           |
| 1956.....        | 1,264     | 1,969,643              | .....               | 315,347                 | 914,982   | .....         | .....  | .....                         | .....            | 1,811                             | 3,726           |
| <i>Totals—</i>   |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| Inward—          |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 2,001,840 | 571,675                | 1,378,782           | 1,100,296               | 217,084   | 380,866       | 143,808  | .....                         | 264,405          | 233,651                           | 96111           |
| 1956.....        | 2,735,841 | 349,502                | 1,282,387           | 1,621,571               | 177,772   | 393,942       | 14,549   | 975                           | 328,197          | 41,136                            | .....           |
| Outward—         |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 1,997,272 | 2,210,328              | 730                 | 64,810                  | 878,772   | .....         | 193,126  | 292,712                       | 19,180           | 45,192                            | 262,090         |
| 1956.....        | 3,394,712 | 2,036,881              | .....               | 315,347                 | 915,107   | 3             | 26,882   | 172,893                       | 16,650           | 42,215                            | 320,206         |
| Total—           |           |                        |                     |                         |           |               |  |                               |                  |                                   |                 |
| 1957.....        | 3,999,112 | 2,782,003              | 1,379,512           | 1,165,106               | 1,095,856 | 380,866       | 336,934  | 292,712                       | 283,585          | 278,843                           | 262,186         |
| 1956.....        | 6,130,553 | 2,386,383              | 1,282,387           | 1,936,918               | 1,092,879 | 393,945       | 41,431   | 173,868                       | 344,847          | 83,351                            | 320,206         |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Phosphate<br>Rock | Petroleum<br>Oil,<br>refined,<br>not<br>otherwise<br>specified | Chrome<br>Ore | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Cement,<br>common<br>or<br>portland | Iron<br>or<br>Steel,<br>structural | Iron or<br>Steel<br>Manufac-<br>tures not<br>otherwise<br>specified | Fluor-<br>spar | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Coal,<br>anthracite |
|------------------|--|-------------------|--|---------------|---|-------------------------------------|------------------------------------|---|----------------|---|---------------------|
| <i>Foreign—</i>  |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| Inward—          |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 13,243   | 128,061           | 21,747   | 92,928        | .....   | 15,960                              | 98,286                             | 71,574  | 47,555         | 64,370  | 83,567              |
| 1956.....        | 9,913  | 137,658           | 48,276   | 46,495        | 46  | 393,876                             | 145,459                            | 62,966  | 25,950         | 167,131   | 104,727             |
| Outward—         |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 127,712  | .....             | 2,256  | .....         | 118,337   | 5,258                               | 2,936                              | 16,280  | 43,413         | 23,335  | 23                  |
| 1956.....        | 102,294  | .....             | 904  | .....         | 157,506   | 262                                 | 3,413                              | 11,519  | 25,490         | 21,699  | 1                   |
| <i>Domestic—</i> |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| Inward—          |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 4  | .....             | 7,094  | .....         | .....   | 151                                 | .....                              | 64  | .....          | 21  | .....               |
| 1956.....        | 121  | .....             | 8,640  | .....         | .....   | .....                               | .....                              | 155   | .....          | 1   | .....               |
| Outward—         |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 277  | 7,535             | 99,319   | 32,702        | 1,887   | 92,296                              | 2,625                              | 8,258   | .....          | 1,559   | 3,160               |
| 1956.....        | 986  | 4,424             | 100,376  | 18,990        | 1,759   | 153,892                             | 2,058                              | 8,153   | .....          | 3,800   | 2,832               |
| <i>Totals—</i>   |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| Inward—          |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 13,247   | 128,061           | 28,841   | 92,928        | .....   | 15,960                              | 98,286                             | 71,638  | 47,555         | 64,391  | 83,567              |
| 1956.....        | 10,034   | 137,658           | 56,916   | 46,495        | 46  | 394,027                             | 145,459                            | 63,121  | 25,950         | 167,132   | 104,727             |
| Outward—         |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 127,989  | 7,535             | 101,575  | 32,702        | 120,274   | 97,554                              | 5,561                              | 24,538  | 43,413         | 24,894  | 3,183               |
| 1956.....        | 103,280  | 4,424             | 101,280  | 18,990        | 159,265   | 154,154                             | 5,471                              | 19,672  | 25,490         | 25,199  | 2,833               |
| <i>Total—</i>    |  |                   |  |               |   |                                     |                                    |   |                |   |                     |
| 1957.....        | 141,236  | 135,596           | 130,416  | 125,630       | 120,274   | 113,514                             | 103,847                            | 96,176  | 90,968         | 89,285  | 86,750              |
| 1956.....        | 113,314  | 142,082           | 158,196  | 65,485        | 159,311   | 548,181                             | 150,930                            | 82,793  | 51,440         | 192,331   | 107,560             |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron<br>Ore | Machinery<br>and<br>parts<br>(except<br>agricul-<br>tural) | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Iron or<br>Steel<br>Tubes,<br>Pipes<br>and<br>Fittings | Molasses | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Asphalt<br>and<br>Asphalt<br>Manu-<br>factures | Salt   | Glass and<br>Glass<br>Manu-<br>factures | Copper and<br>Copper<br>Manufac-<br>tures not<br>otherwise<br>specified | Vegetables,<br>dried |
|------------------|-------------|--|--|--|----------|---|--|--------|---|---|----------------------|
| <i>Foreign—</i>  |             |  |  |  |          |   |  |        |   |   |                      |
| Inward—          |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 45,371      | 43,035   | .....  | 68,523   | 49,876   | 2,141   | 364  | 60,110 | 52,004                                  | 615   | 1,790                |
| 1956.....        | 46,043      | 26,467   | 2,734  | 11,112   | 73,158   | 5,064   | 73   | 58,420 | 75,210                                  | 2,182   | 1,251                |
| Outward—         |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 22,747      | 27,669   | 74,070   | 4,261  | .....    | 55,817  | 26   | 59     | 256                                     | 52,887  | 50,640               |
| 1956.....        | 34,227      | 20,912   | 52,503   | 282  | 4        | 54,060  | 91   | 71     | 963                                     | 9,959   | 28,312               |
| <i>Domestic—</i> |             |  |  |  |          |   |  |        |   |   |                      |
| Inward—          |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | .....       | 842  | .....  | .....  | .....    | 9,569   | .....  | .....  | 286                                     | 40  | 303                  |
| 1956.....        | .....       | 999  | .....  | .....  | .....    | 11,559  | .....  | .....  | 3                                       | 22  | .....                |
| Outward—         |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 11,424      | 3,681  | .....  | 1,047  | 22,411   | 672   | 66,816   | 2      | 2,480                                   | 389   | 304                  |
| 1956.....        | 11,816      | 3,641  | .....  | 12   | 18,545   | 1,091   | 31,517   | 19     | 4,240                                   | 308   | 194                  |
| <i>Totals—</i>   |             |  |  |  |          |   |  |        |   |   |                      |
| Inward—          |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 45,371      | 43,877   | .....  | 68,523   | 49,876   | 11,710  | 364  | 60,110 | 52,290                                  | 655   | 2,093                |
| 1956.....        | 46,043      | 27,466   | 2,734  | 11,112   | 73,158   | 16,623  | 73   | 58,420 | 75,213                                  | 2,204   | 1,251                |
| Outward—         |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 34,171      | 31,350   | 74,070   | 5,308  | 22,411   | 56,489  | 66,842   | 61     | 2,736                                   | 53,276  | 50,944               |
| 1956.....        | 46,043      | 24,553   | 52,503   | 294  | 18,549   | 55,151  | 31,608   | 90     | 5,203                                   | 10,267  | 28,506               |
| Total—           |             |  |  |  |          |   |  |        |   |   |                      |
| 1957.....        | 79,542      | 75,227   | 74,070   | 73,831   | 72,287   | 68,199  | 67,206   | 60,171 | 55,026                                  | 53,931  | 53,037               |
| 1956.....        | 92,086      | 52,019   | 55,237   | 11,406   | 91,707   | 71,774  | 31,681   | 58,510 | 80,416                                  | 12,471  | 29,757               |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Ferro-<br>alloys | Dry<br>Goods and<br>otherwise<br>specified | Oil Cake<br>and<br>Oil-cake<br>Meal | Beverages,<br>alcoholic | Wood-<br>pulp | Jute and<br>Jute<br>Manu-<br>factures | Fertilizers<br>and<br>Fertilizer<br>Materials | Rubber,<br>crude<br>(including<br>Latex) | Clay   | Paper,<br>newsprint |
|------------------|--|------------------|--|-------------------------------------|-------------------------|---------------|---------------------------------------|---|--|--------|---------------------|
| <i>Foreign—</i>  |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| Inward—          |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 5,864  | 5,069            | 34,111                                     | .....                               | 29,824                  | 1,634         | 29,615                                | 25,754  | 3,784                                    | 26,948 | 18                  |
| 1956.....        | 10,360   | 5,592            | 34,753                                     | .....                               | 31,025                  | 4,407         | 32,650                                | 25,742  | 3,937                                    | 28,903 | .....               |
| Outward—         |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 37,514   | 34,824           | 4,199                                      | 38,042                              | 7,017                   | 31,181        | 501                                   | 3,397   | 24,742                                   | .....  | 26,237              |
| 1956.....        | 14,156   | 38,712           | 2,612                                      | 100,992                             | 6,205                   | 34,451        | 1,588                                 | 1,364   | 15,784                                   | 396    | 29,099              |
| <i>Domestic—</i> |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| Inward—          |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 7  | .....            | 7  | .....                               | 1                       | 98            | .....                                 | .....   | 34                                       | .....  | .....               |
| 1956.....        | 41   | .....            | .....                                      | .....                               | .....                   | .....         | .....                                 | .....   | .....                                    | .....  | .....               |
| Outward          |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 507  | 63               | 567  | .....                               | 476                     | 129           | 2                                     | 4   | 46                                       | .....  | .....               |
| 1956.....        | 348  | 467              | 628  | .....                               | 959                     | .....         | 65                                    | 3   | 107                                      | 24     | 22                  |
| <i>Totals—</i>   |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| Inward—          |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 5,871  | 5,069            | 34,118                                     | .....                               | 29,824                  | 1,634         | 29,615                                | 25,754  | 3,818                                    | 26,948 | 18                  |
| 1956.....        | 10,401   | 5,592            | 34,753                                     | .....                               | 31,026                  | 4,505         | 32,650                                | 25,742  | 3,937                                    | 28,903 | .....               |
| Outward—         |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 38,021   | 34,887           | 4,766                                      | 38,042                              | 7,483                   | 31,310        | 503                                   | 3,401   | 24,788                                   | .....  | 26,237              |
| 1956.....        | 14,504   | 39,179           | 3,240                                      | 100,992                             | 7,164                   | 34,451        | 1,653                                 | 1,367   | 15,891                                   | 420    | 29,121              |
| Total—           |  |                  |  |                                     |                         |               |                                       |   |  |        |                     |
| 1957.....        | 43,892   | 39,956           | 38,884                                     | 38,042                              | 37,317                  | 32,944        | 30,118                                | 29,155  | 28,606                                   | 26,948 | 26,255              |
| 1956.....        | 24,905   | 39,771           | 37,993                                     | 100,992                             | 38,190                  | 38,956        | 34,303                                | 27,109  | 19,828                                   | 29,323 | 29,121              |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Benzol | Fruits, canned or preserved | Paper not otherwise specified | Pulpboard (except Wallboard) | Fruits, fresh, not otherwise specified | Settlers' Effects | Electrical Goods not otherwise specified | Fruits and Fruit Products (including Juices) not otherwise specified | Confectionery | Nickel and Nickel Manufactures | Ores and Concentrates not otherwise specified |
|------------------|--------|-----------------------------|-------------------------------|------------------------------|--|-------------------|--|--|---------------|--------------------------------|---|
| <i>Foreign—</i>  |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| Inward—          |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 15,244 | 25,043                      | 7,646                         | 71                           | 330                                    | 17,433            | 15,563                                   | 20,690   | 17,359        | 188                            | .....   |
| 1956.....        | .....  | 20,794                      | 7,911                         | .....                        | 486                                    | 10,969            | 16,270                                   | 17,091   | 16,492        | 124                            | 839   |
| Outward—         |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 2,915  | 431                         | 13,698                        | 22,303                       | 24,055                                 | 6,050             | 6,143                                    | 462  | 942           | 17,629                         | 17,697  |
| 1956.....        | .....  | 1,367                       | 16,712                        | 17,719                       | 50,517                                 | 5,942             | 4,705                                    | 328  | 446           | 63,650                         | 17,117  |
| <i>Domestic—</i> |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| Inward—          |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 7,467  | 22                          | 5                             | 4                            | .....                                  | 68                | 18                                       | .....  | .....         | .....                          | .....   |
| 1956.....        | 10,826 | 83                          | 13                            | .....                        | 33                                     | 463               | 9  | .....  | 7             | .....                          | 259   |
| Outward—         |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | .....  | 32                          | 3,915                         | 2,825                        | .....                                  | 173               | 583                                      | 494  | 2,010         | .....                          | .....   |
| 1956.....        | .....  | 146                         | 4,869                         | 2,451                        | 105                                    | 175               | 1,860                                    | 400  | 1,475         | 1                              | 72  |
| <i>Totals—</i>   |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| Inward—          |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 22,711 | 25,065                      | 7,651                         | 75                           | 330                                    | 17,501            | 15,581                                   | 20,690   | 17,359        | 188                            | .....   |
| 1956.....        | 10,826 | 20,877                      | 7,924                         | .....                        | 519                                    | 11,432            | 16,279                                   | 17,091   | 16,499        | 124                            | 1,098   |
| Outward—         |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 2,915  | 463                         | 17,613                        | 25,128                       | 24,055                                 | 6,223             | 6,726                                    | 956  | 2,952         | 17,629                         | 17,697  |
| 1956.....        | .....  | 1,513                       | 21,581                        | 20,170                       | 50,622                                 | 6,117             | 6,565                                    | 728  | 1,921         | 63,651                         | 17,189  |
| Total—           |        |                             |                               |                              |  |                   |  |  |               |                                |   |
| 1957.....        | 25,626 | 25,528                      | 25,264                        | 25,203                       | 24,385                                 | 23,724            | 22,307                                   | 21,646   | 20,311        | 17,817                         | 17,697  |
| 1956.....        | 10,826 | 22,390                      | 29,505                        | 20,170                       | 51,141                                 | 17,549            | 22,844                                   | 17,819   | 18,420        | 63,775                         | 18,287  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Feed,<br>animal<br>or<br>poultry,<br>not<br>otherwise<br>specified | Brick  | Cocoa<br>Beans,<br>Cocoa<br>Prepara-<br>tions and<br>Chocolate<br>(except<br>Confec-<br>tionery) | Military<br>Supplies<br>not<br>otherwise<br>specified | Milk,<br>condensed,<br>or<br>evaporated<br>powdered | Sugar,<br>refined | Logs,<br>Masts,<br>Pilings,<br>Pitprop,<br>Poles,<br>Posts,<br>Spars<br>and Ties<br>(railway) | Foodstuffs,<br>canned<br>or<br>preserved,<br>not<br>otherwise<br>specified | Rock<br>and<br>Stone | All<br>Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|--|--------|--|---|---|-------------------|---|--|----------------------|---|------------|
| <i>Foreign—</i>  |  |        |  |   |   |                   |   |  |                      |   |            |
| Inward—          |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        |  | 8,601  | 16,209   | 2,380   | 396   | 9,555             | 939   | 6,279  | 14,198               | 406,788                                       | 4,585,523  |
| 1956.....        |  | 11,379 | 13,881   | 2,813   | 1   | 3,085             | 734   | 5,388  | 12,727               | 510,698                                       | 5,034,543  |
| Outward—         |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 12,935   | 8,338  | 149  | 13,475  | 10,290  |                   | 13,538  | 4,775  | 1                    | 249,614                                       | 4,136,739  |
| 1956.....        | 16,695   | 8,352  | 49   | 15,467  | 8,894   | 3                 | 4,484   | 4,507  | 89                   | 256,226                                       | 5,280,573  |
| <i>Domestic—</i> |  |        |  |   |   |                   |   |  |                      |   |            |
| Inward—          |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 2  |        |  | 23  | 4   | 3                 | 848   | 70   |                      | 43,548  | 3,485,986  |
| 1956.....        |  |        |  |   | 13  |                   |   | 62   |                      | 36,653  | 4,249,803  |
| Outward—         |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 4,261  | 242    | 16   | 228   | 5,292   | 6,224             |   | 4,051  | 176                  | 172,777                                       | 3,652,536  |
| 1956.....        | 5,048  | 337    | 4  | 72  | 5,295   | 5,936             |   | 5,194  | 401                  | 235,676                                       | 3,863,916  |
| <i>Totals—</i>   |  |        |  |   |   |                   |   |  |                      |   |            |
| Inward—          |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 2  | 8,601  | 16,209   | 2,403   | 400   | 9,558             | 1,787   | 6,349  | 14,198               | 450,336                                       | 8,071,509  |
| 1956.....        |  | 11,379 | 13,881   | 2,813   | 14  | 3,085             | 734   | 5,450  | 12,727               | 547,351                                       | 9,284,346  |
| Outward—         |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 17,196   | 8,580  | 165  | 13,703  | 15,582  | 6,224             | 13,538  | 8,826  | 177                  | 422,391                                       | 7,789,275  |
| 1956.....        | 21,743   | 8,689  | 53   | 15,539  | 14,189  | 5,939             | 4,484   | 9,701  | 490                  | 491,902                                       | 9,144,489  |
| Total—           |  |        |  |   |   |                   |   |  |                      |   |            |
| 1957.....        | 17,198   | 17,181 | 16,374   | 16,106  | 15,982  | 15,782            | 15,325  | 15,175   | 14,375               | 872,727                                       | 15,860,784 |
| 1956.....        | 21,743   | 20,068 | 13,934   | 18,352  | 14,203  | 9,024             | 5,218   | 15,151   | 13,217               | 1,039,253                                     | 18,428,855 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1957.....         | 101,075 | 68,021   | 169,096 |
| 1956.....         | 85,154  | 57,674   | 142,828 |
| 1955.....         | 57,184  | 45,404   | 102,588 |
| 1954.....         | 42,170  | 31,025   | 73,195  |
| 1953.....         | 35,171  | 26,679   | 61,850  |
| <i>Coastwise—</i> |         |          |         |
| 1957.....         | 28,959  | 30,783   | 59,742  |
| 1956.....         | 33,356  | 32,483   | 65,839  |
| 1955.....         | 37,181  | 39,771   | 76,952  |
| 1954.....         | 39,262  | 39,619   | 78,881  |
| 1953.....         | 36,368  | 39,713   | 76,081  |
| <i>Total—</i>     |         |          |         |
| 1957.....         | 130,034 | 98,804   | 228,838 |
| 1956.....         | 118,510 | 90,157   | 208,667 |
| 1955.....         | 94,365  | 85,175   | 179,540 |
| 1954.....         | 81,432  | 70,644   | 152,076 |
| 1953.....         | 71,539  | 66,392   | 137,931 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1957, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1957.....         | 71,423,251  | 69,719,227  | 141,142,478 |
| 1956.....         | 100,092,500 | 118,784,980 | 218,877,480 |
| 1955.....         | 88,985,445  | 83,447,230  | 172,432,675 |
| 1954.....         | 104,004,050 | 95,549,726  | 199,553,776 |
| 1953.....         | 117,455,831 | 144,983,724 | 262,439,555 |
| <i>Via rail—</i>  |             |             |             |
| 1957.....         | 13,930,502  | 7,461,348   | 21,391,850  |
| 1956.....         | 36,451,122  | 8,839,915   | 45,291,037  |
| 1955.....         | 10,247,391  | 10,246,967  | 20,494,358  |
| 1954.....         | 9,735,532   | 12,296,443  | 22,031,975  |
| 1953.....         | 48,618,859  | 9,460,129   | 58,078,988  |
| <i>Via other—</i> |             |             |             |
| 1957.....         | 731,316     | 9,272,813   | 10,004,129  |
| 1956.....         | 236,154     | 6,887,850   | 7,124,004   |
| 1955.....         | 159,413     | 7,471,693   | 7,631,106   |
| 1954.....         | 131,069     | 5,686,377   | 5,817,446   |
| 1953.....         | 294,588     | 4,550,135   | 4,844,723   |
| <i>Total—</i>     |             |             |             |
| 1957.....         | 86,085,069  | 86,453,388  | 172,538,457 |
| 1956.....         | 136,779,776 | 134,512,745 | 271,292,521 |
| 1955.....         | 99,392,249  | 101,165,890 | 200,558,139 |
| 1954.....         | 113,870,651 | 113,532,546 | 227,403,197 |
| 1953.....         | 166,369,278 | 153,993,988 | 320,363,266 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1957, with comparison for 1956.

|  | 1957    | 1956    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 52,049  | 62,550  |
| Non-revenue cars.....  | 14,311  | 16,061  |
| Total.....   | 66,360  | 78,611  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 25,731  | 35,643  |
| Non-revenue cars.....  | 40,536  | 42,398  |
| Total.....   | 66,267  | 78,041  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 5       | 17      |
| Non-revenue cars.....  |         |         |
| Total.....   | 5       | 17      |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 4,976   | 3,713   |
| Non-revenue cars.....  |         |         |
| Total.....   | 4,976   | 3,713   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 82,761  | 101,923 |
| Non-revenue cars.....  | 54,847  | 58,459  |
| Total.....   | 137,608 | 160,382 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,446,019. The larger items were fabrication and installation of four wooden cribs and seven mooring posts at sections 66-67; interior painting of lower floors of transit sheds 2 and 8; replacement of three standard slip diamonds at sections 13, 17 and 19; renewal of turnout and part of curved tracks of lead to transit shed No. 13; repairs to tracks at Bickerdike Pier; overhauling two diesel-electric locomotives; replacement of 19 elevator belts and 1,700 elevator buckets; exterior painting of tower "C", conveyor gallery, grain elevator "B"; supply and installation of two new boilers at the cold storage central heating plant; dry docking and repairing three flat scows, and general maintenance of all harbour facilities and equipment.

## CAPITAL WORKS

Expenditures on capital account amounted to \$11,688,902, of which \$110,870 was provided from replacement fund. The principal items were:—

*Extension of Wharf, Sections 58-61.*—The Foundation Company of Canada Limited was awarded a contract in November, 1955, for the construction at sections 58-61 of a 1,500-foot wharf of the concrete crib and copewall type. The work was completed in December, 1957.

*Extension of Wharf, Sections 50-53.*—A contract was awarded to E.G.M. Cape and Company in August, 1955, for the construction of a 1,610-foot wharf at sections 50-53 by means of the concrete crib and copewall method. The work was completed in October, 1957.



*Raising Laurier Pier, Section 43.*—Charles Duranceau Limitée was awarded a contract in April, 1956, for the raising of Laurier Pier, section 43, from low to high level, to provide a high-level roadway and increase the wharf space area, and also to facilitate the construction of a grain conveyor gallery on the pier. The work was completed in May, 1957.

*Construction of Marine Jetty, Elevator No. 1.*—In July, 1956, a contract was awarded to The Key Construction Limited, for the construction of a jetty 700 feet long by 47 feet wide at elevator No. 1 by means of reinforced concrete cribs seated on crushed stone mattresses. The superstructure consists of copewalls and tunnel walls. The work was completed in December, 1957.

*Extension of Montreal East Wharves, Sections 104 and 110.*—In May, 1956, United Dredging Limited was awarded a contract for the construction of a wharf extension 575 feet long by 42 feet wide at section 110, and 115 feet long by 42 feet wide at section 104 by means of the concrete crib and copewall method. The work was completed in April, 1957.

*Dredging Approach Channels, Sections 104 and 110.*—The construction of extensions to the Shell Oil and Montreal East wharves at sections 104 and 110 necessitated the dredging of the approach channels. Marine Industries Limited was awarded a contract in August, 1956, for this work. Approximately 60% of the work was completed by the end of 1957.

*Changes to Electrical Sub-Stations 1, 2 and 4.*—Consequent upon additional receiving and shipping facilities at elevators 1 and 2, additional power requirements were necessary. During 1957 tenders were called for, and accepted, for the purchase of one switchgear to be installed by Board forces in sub-stations 1 and 2.

*Additional Power Requirements, Sub-Station 3.*—Consequent upon changes and additions to grain elevator No. 3 and new galleries on Tarte Pier, additional power requirements were necessary at sub-station 3. During 1957 tenders were called for and accepted for the purchase of two power transformers and one low voltage switchboard to be installed by Board forces. Part of the work was done in 1957.

*Dredging Approach Channels, Sections 50-53, 58-61 and 62-65.*—The construction of extension of wharves at sections 50-53, 58-61 and 62-65 necessitated the dredging of the approach channels. A contract for this work was awarded to Marine Industries Limited in June, 1957. The work will be completed in 1958.

*Construction of Wharf, Sections 62-65.*—The Canit Construction Limited was awarded a contract in August, 1957, for the construction at sections 62-65 of a 1,815-foot wharf of the concrete crib and copewall type. At the end of 1957, approximately 40% of the work was done.

*Construction of Transit Shed No. 42.*—A contract was awarded to Charles Duranceau Limitee in December, 1956, for the construction of a single-storey steel-frame transit shed, 120 feet wide by 484 feet long, at section 42. The work was completed in August, 1957.

*Construction of Transit Shed No. 46A.*—In March, 1956, a contract was awarded to J. G. Fitzpatrick Limited for the construction of a single-storey

steel-frame transit shed, 125 feet wide by 418 feet long, at section 46. The work was completed in May, 1957.

*Construction of Elevator B-1 and Marine Towers.*—In April, 1957, a contract was awarded to Raymond Concrete Pile Company Limited for the construction of pile foundations for grain elevator B-1. The work was completed in December. A second contract was awarded in October to Pentagon Construction Company Limited for the construction of elevator B-1 and marine towers. Preliminary work only was done on this contract.

*Changes to Grain Galleries, Elevator "B".*—In August, 1956, a contract was awarded to Argo Construction Limited for the dismantling and reconstruction of certain portions of galleries at elevator "B", and for the supplying and installation of equipment. The work was completed in August this year.

*Travelling Shiploader, Elevator No. 1.*—A contract was awarded to J. G. Fitzpatrick Limited in November, 1956, for the construction of travelling shiploader at gallery No. 2, grain elevator No. 1. The work was completed in July, 1957.

*Improvements to Grain Elevators Nos. 1 and 2.*—Pentagon Construction Company Limited was awarded two contracts in connection with this work. The first contract was awarded in October, 1956, for improvements to galleries at elevators Nos. 1 and 2 and receiving facilities inside elevator No. 1. 41% of the work was completed in 1957. The second contract was awarded in December, 1956, for the construction of marine towers and receiving facilities outside elevator No. 1. Only preliminary work was done, but, with the completion of the marine tower jetty at elevator No. 1 the work will commence at the beginning of 1958.

*Construction of Grain Conveyor Galleries on Laurier Pier.*—A contract was awarded to Charles Duranceau Limitée in August, 1956, for the construction of conveyor galleries on Laurier Pier. The work was completed in July, 1957.

*Improvements to Grain Elevator System at and in the Vicinity of Elevator No. 3.*—A contract was awarded to E. G. M. Cape & Company (1956) Limited in August, 1957, for improvements to grain elevator system at and in the vicinity of grain elevator No. 3. The work is scheduled for completion early in 1959.

*Extension of Wharf, Sections 94-96.*—In July, 1957, a contract was awarded to The Foundation Company of Canada Limited for the construction of a 1,380-foot wharf at sections 94-96 by means of the concrete crib and copewall method. Preliminary work only was done on this contract during the year.

*Construction of Bridge over Nuns' Island.*—Three separate contracts were awarded in connection with this work. Two contracts were awarded in July, 1957, one to Edouard Monette Limitée for the supplying and placing of fill material for the north end of the bridge. This contract was approximately 75% completed in 1957. The second contract was awarded to Atlas Construction Company Limited for the construction of piers 1E, 1W, 2E and 2W. The work was completed by the end of the year. The

third contract was awarded to Walsh-Canadian Construction Company Limited in September, 1957, for the supply and placing of fill for the roadway, south approach of the bridge. Approximately 80% of the work was completed in 1957.

*Pneumatic Clean-up Equipment, Elevator No. 1.*—In April, 1957, a contract was awarded to Simon Handling Engineers Limited for the supply and installation of pneumatic clean-up equipment for two marine towers at elevator No. 1. Approximately 40% of the work was completed by the end of the year.

*Automatic Scales for Grain Elevators.*—In September, 1956, tenders were called for and accepted for the supply and supervision of erection of sixteen automatic scales for grain elevators 1, 2, 3 and "B" to be installed by Board forces during the year 1958.

*Extension of Wharf, Sections 53-55.*—In September, 1957, a contract was awarded to J. D. Stirling Limited, Miron Construction Limited, and Walsh-Canadian Construction Company Limited for the construction of a 920-foot long wharf at sections 53-55 by means of the concrete crib and cope-wall method. The work will start early in 1958.

*Building for Maintenance Services.*—In September, 1957, a contract was awarded to P. G. Lalonde and Fernand Murphy for the construction of a single-storey concrete block building, 183 feet long by 24 feet wide with a height of 12 feet, at section 22. The work was completed in December.

*Conversion of Two Steam Locomotive Cranes to Diesel Engines.*—A contract was awarded to Hewitt Equipment Limited in April for the conversion of locomotive cranes Nos. 9 and 13 from steam to diesel engine operation. The work was completed in July.

*Construction of a Macadam Base at Laurier and Sutherland Piers.*—A contract was awarded in July to The Sicily Asphaltum Paving Company Limited for the construction of a macadam base at Laurier and Sutherland Piers. The work was completed in September.

*Construction of Bituminous Concrete Paved Roads, Sections 40-43 and 44-46.*—Consequent to the raising of Laurier and Sutherland Piers from low to high level it was necessary to pave roadways from sections 40-43 and sections 44-46 to replace the depressed roadways. Two separate contracts were awarded to Charles Duranceau Limitee in connection with this work. The first contract was awarded in May and the work was completed in June. The second contract was awarded in July and completed in August.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—alterations to shed No. 2; construction of office building and truck loading platform at the cold storage warehouse; alterations to shed No. 15 floor steel framing; conversion of nitrogen gas fire protection system to electromatic control in sheds 2 and 10; the construction of two railway sidings at sections 70 and 97; construction of low wooden crib wall and fill at sections 24-25; the purchase of one portable office, one portable air-compressor, one payloador, three steel flat cars, two trucks and one automobile.



## INCOME AND EXPENSE

Operating income amounted to \$8,670,352, as compared with \$9,761,604 in 1956, the decrease being \$1,091,252, or 11%. Operating expenses were \$5,457,114, as compared with \$5,365,474 in 1956. Net operating income was \$3,213,238 in 1957, as against \$4,396,130 in the previous year, a decrease of \$1,182,892.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$678,974, as compared with a surplus of \$2,058,979 in 1956.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.



# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1957

(EXCLUDING JACQUES CARTIER BRIDGE)

| ASSETS  |                     | LIABILITIES  |               |
|---|---------------------|--|---------------|
| CURRENT—  |                     | CURRENT—   |               |
| Cash.....   | 1,376,349           | Accounts Payable and Accrued Liabilities—General.....                      | \$ 320,184    |
| Accounts Receivable.....  | 874,310             | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 2,421,248     |
| Less: Provision for Doubtful Accounts..   | 1,589               | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 1,326,649     |
| Accrued Income.....   |                     | CONTRACTORS' HOLDBACKS.....  | 730,232       |
| Prepaid Expenses—   |                     | DEFERRED INCOME.....   | 86,105        |
| Stores on Hand.....   | 622,522             |  |               |
| Other.....  | 11,107              |  |               |
| Miscellaneous.....  | 633,629             |  |               |
|   | 30,360              |  | 4,884,418     |
|   | <u>\$ 3,139,073</u> |  |               |
| RESERVE FUND ASSETS—  |                     | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                            |               |
| (Cash, \$239,763; bonds, at amortized cost, \$25,102,881, market value, \$23,993,302) held for: |                     | Assets transferred to the Board on its establishment and subsequently..... | \$ 5,526,950  |
| Replacement of Capital Assets.....  | 23,516,944          | Loans and Advances.....  | 85,262,730    |
| Fire and General Insurance.....   | 1,825,700           | Interest in arrears on Loans and Advances.....                             | 2,709,842     |
|   | <u>25,342,644</u>   |  |               |
| SPECIAL FUND ASSETS—  |                     | RESERVES—  |               |
| (Cash, \$568,905; bonds, \$757,744) held for:   |                     | Replacement of Capital Assets.....   | \$ 27,274,441 |
| Contractors' Security Deposits.....   | 1,326,649           | Fire and General Insurance.....  | 1,825,700     |
|   | <u>30,512</u>       |  | 29,100,141    |
| PRELIMINARY CAPITAL EXPENSE.....  |                     |  | 122,599,663   |
|   | 133,508             |  |               |
| DEBIT BALANCES IN SUSPENSE.....   |                     |  |               |
|   |                     |  |               |
| CAPITAL ASSETS—   |                     |  |               |
| (At cost or estimated cost)   |                     |  |               |
| Harbour Dredging.....   | 5,616,387           |  |               |
| Real Estate.....  | 2,254,227           |  |               |
| Roads, Fences and Boundaries.....   | 1,106,951           |  |               |
| Sewers and Drains.....  | 180,328             |  |               |
| Miscellaneous Structures.....   | 406,172             |  |               |
| Wharves and Piers.....  | 28,944,285          |  |               |
| Permanent Sheds.....  | 11,056,571          |  |               |
| Shed Hoists and Electric Cranes.....  | 394,235             |  |               |

|                                      |                      |
|--------------------------------------|----------------------|
| Railway System.....                  | 4,911,227            |
| Grain Elevator System.....           | 17,923,455           |
| Cold Storage System.....             | 3,134,970            |
| Office Furniture and Appliances..... | 94,359               |
| Harbour Buildings.....               | 538,787              |
| Central Heating Plants.....          | 16,579               |
| Harbour Shops.....                   | 232,228              |
| Electric Power System.....           | 1,145,271            |
| Water Supply System.....             | 313,951              |
| Floating Equipment.....              | 771,420              |
| Shore Equipment.....                 | 444,056              |
| Miscellaneous Small Plant.....       | 85,062               |
| Works under Construction.....        | 13,305,339           |
|                                      | <u>92,875,860</u>    |
|                                      | <u>\$122,848,246</u> |

|   |                  |
|---|------------------|
| Deduct—Deficit—                             |                  |
| Balance as at Jan. 1, 1957.....             | 5,196,624        |
| Add: Prior years' adjustments<br>(Net)..... | 118,185          |
|   | <u>5,314,809</u> |

|  |                      |
|--|----------------------|
| Less: Net Income for the year ended<br>Dec. 31, 1957 per statement of<br>Income and Expense..... | 678,974              |
|  | <u>4,635,835</u>     |
|  | <u>117,963,828</u>   |
|  | <u>\$122,848,246</u> |

## HARBOUR OF MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

(EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

## Harbour—

|                       |           |            |
|-----------------------|-----------|------------|
| Harbour Dues.....     | \$ 66,730 |            |
| Property Rentals..... | 37,476    |            |
| Miscellaneous.....    | 6,043     |            |
|                       |           | \$ 110,249 |

## Wharves and Piers—

|                          |           |           |
|--------------------------|-----------|-----------|
| Top Wharfage.....        | 2,638,368 |           |
| Dockage.....             | 519,016   |           |
| Wharf Space Rentals..... | 326,208   |           |
| Miscellaneous.....       | 52,602    |           |
|                          |           | 3,536,194 |

## Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 1,325,426 |           |
| Storage.....       | 1,036,674 |           |
| Miscellaneous..... | 157,674   |           |
|                    |           | 2,519,774 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 316,617 |         |
| Miscellaneous..... | 73,927  |         |
|                    |         | 390,544 |

## Permanent Sheds—

|                    |         |         |
|--------------------|---------|---------|
| Shed Rentals.....  | 578,013 |         |
| Storage.....       | 39,297  |         |
| Miscellaneous..... | 875     |         |
|                    |         | 618,185 |

## Railway System.....

|                             |         |              |
|-----------------------------|---------|--------------|
| Miscellaneous Services..... | 827,089 |              |
|                             | 668,317 |              |
|                             |         | \$ 8,670,352 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |           |           |
|--|-----------|-----------|
| Harbour (including \$52,992 for Dredging)..... | 556,543   |           |
| Wharves and Piers.....                         | 129,114   |           |
| Grain Elevator System.....                     | 1,781,629 |           |
| Cold Storage System.....                       | 452,286   |           |
| Permanent Sheds.....                           | 231,172   |           |
| Railway System.....                            | 995,437   |           |
| Miscellaneous Services.....                    | 762,955   |           |
|  |           | 4,909,136 |

## Administrative—

|  |         |         |
|--|---------|---------|
| Salaries.....  | 161,078 |         |
| Contribution to Public Service Superannuation Account..... | 166,673 |         |
| Office Expenses.....                                       | 15,751  |         |
| Other.....   | 204,476 |         |
|  |         | 547,978 |

5,457,114

NET OPERATING INCOME..... 3,213,238

## ADD OTHER INCOME—

|  |         |           |
|--|---------|-----------|
| Income from Investments (less \$59,537 applicable to Reserve Funds)..... | 743,426 |           |
| Miscellaneous.....   | 31,210  |           |
|  |         | 774,636   |
|  |         | 3,987,874 |

## DEDUCT SPECIAL CHARGES—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 2,238,404 |           |
| Provision for Replacement of Capital Assets.....  | 1,044,744 |           |
| Other.....  | 25,752    |           |
|   |           | 3,308,900 |

NET INCOME.....\$ 678,974

## JACQUES CARTIER BRIDGE—MONTREAL

### TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1957, with comparison for 1956.

|                              | 1957       | 1956       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 13,621,014 | 13,808,364 |
| Automobiles (Passenger)..... | 9,593,114  | 9,018,283  |
| Trucks.....                  | 1,182,460  | 1,196,510  |
| Buses.....                   | 123,870    | 143,315    |
| All Others.....              | 127,450    | 118,877    |

### CAPITAL WORKS

*Grade Separation, Southern Approaches, Jacques Cartier Bridge.*—Consequent to the construction of three subway abutments, southern approach to Jacques Cartier Bridge, a contract was awarded to Charles Duranceau Limitee for the grade separation, abutments for subway "D" and superstructure for four subways—"A", "B", "C" and "D". The work was completed in July.

*Construction of Roadways, Southern Approaches, Jacques Cartier Bridge.*—A contract was awarded to Charles Duranceau Limitee in July, 1957, for the construction of roadways, southern approaches. Approximately 48% of the work was completed by the end of the year.

*Garage at Jacques Cartier Barracks.*—Louis Corbeil Inc. was awarded a contract in August, for the construction of a concrete block garage, 131 feet long by 45 feet wide with a height of 18 feet, at Jacques Cartier Barracks. The work was completed in December.

### INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$2,228,438, as compared with \$2,154,240 in 1956. Operating and maintenance expenses were \$318,392, as compared with \$278,257 in 1956.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus in 1957 of \$1,015,832, as compared with a surplus of \$942,102 in the previous year.



# Jacques Cartier Bridge - Montreal BALANCE SHEET AS AT DECEMBER 31, 1957

| ASSETS   |                      | LIABILITIES   |                      |
|--|----------------------|---|----------------------|
| CURRENT—   |                      | CURRENT—  |                      |
| Cash.....  | \$ 595,651           | Accounts Payable and Accrued Liabilities—General..... | \$ 38,937            |
| Accounts Receivable.....   | 23,083               | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....        | 108,353              |
| Less: Provision for Doubtful Accounts..  | 22,985               | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....          | 69,133               |
| Accrued Income.....  | 319                  | CONTRACTORS' HOLDBACKS.....                           | 49,404               |
| Prepaid Expenses—  |                      | DEFERRED INCOME.....                                  | 7,259                |
| Stores on Hand.....  | 3,218                |   |                      |
| Other.....   | 6,318                |   | 273,086              |
|  | <u>9,536</u>         |   |                      |
|  | 628,491              |   |                      |
|  | <u>\$</u>            |   |                      |
|  | 744,425              |   |                      |
| DUE FROM THE PROVINCE OF QUEBEC—   |                      | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—       |                      |
| Under agreement to share Jacques Cartier Bridge deficits.....                            |                      | Loans and Advances—                                   |                      |
|  |                      | Capital Debt.....                                     | \$ 15,426,000        |
| RESERVE FUND ASSETS—   |                      | Deficit Debt.....                                     | 6,489,605            |
| (Cash, \$71,692; bonds, at amortized cost, \$471,535, market value, \$432,935) held for: |                      | Interest in Arrears on Deficit Debt.....              | 6,371,730            |
| Special Maintenance.....   | 543,227              |   |                      |
|  |                      | Reserves—   |                      |
| SPECIAL FUND ASSETS—   |                      | Replacement of Capital Assets.....                    | \$ 4,293,583         |
| (Cash, \$69,133) held for:   |                      | Special Maintenance.....                              | 543,227              |
| Contractors' Security Deposits.....  | 69,133               |   | 4,836,810            |
|  |                      |   | <u>33,124,145</u>    |
| INVESTMENTS IN BONDS—  |                      |   |                      |
| (At amortized cost, market value \$2,286,076).....                                       | 2,279,476            |   |                      |
|  |                      | Deduct Deficit—                                       |                      |
| DEFERRED CHARGE—   |                      | Balance as at Jan. 1, 1957.....                       | 9,338,148            |
| Unamortized Balance of bond discount and redemption expense..                            | 725,752              | Less: Net Income for the year ended                   |                      |
|  |                      | Dec. 31, 1957 per statement of                        |                      |
|  |                      | Income and Expense.....                               | 1,015,832            |
|  |                      |   | <u>8,322,316</u>     |
| CAPITAL ASSETS—  |                      |   |                      |
| (At cost)  |                      |   |                      |
| Bridge Construction and Right-of-Way, etc.....   | 20,084,381           |   | 24,801,829           |
|  | <u>\$ 25,074,915</u> |   | <u>\$ 25,074,915</u> |

## JACQUES CARTIER BRIDGE—MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

|                      |              |              |
|----------------------|--------------|--------------|
| Bridge Tolls.....    | \$ 2,201,338 |              |
| Sundry Receipts..... | 27,100       | \$ 2,228,438 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                  |            |         |
|------------------|------------|---------|
| Operation.....   | \$ 179,648 |         |
| Maintenance..... | 97,434     | 277,082 |

## Administrative—

|  |        |         |
|--|--------|---------|
| Salaries.....  | 19,297 |         |
| Contributions to Public Service Superannuation Account.... | 4,678  |         |
| Office Expenses.....                                       | 1,569  |         |
| Other.....   | 15,766 | 41,310  |
|  |        | 318,392 |

NET OPERATING INCOME..... 1,910,046

## ADD OTHER INCOME—

|  |        |           |
|--|--------|-----------|
| Income from Investments (less \$14,577 applicable to Reserve Funds)..... | 80,475 |           |
| Miscellaneous.....   | 2,878  | 83,353    |
|  |        | 1,993,399 |

## DEDUCT SPECIAL CHARGES—

|  |         |         |
|--|---------|---------|
| Provision for Interest on Loans and Advances.....        | 748,695 |         |
| Provision for Replacement of Capital Assets.....         | 165,906 |         |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334  |         |
| Other.....   | 1,632   | 977,567 |

NET INCOME..... \$ 1,015,832

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with four travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1957.....         | 42,909,666 | 31,979,317 | 74,888,983  |
| 1956.....         | 51,701,236 | 40,355,693 | 92,056,929  |
| 1955.....         | 41,392,406 | 31,013,544 | 72,405,950  |
| 1954.....         | 41,273,152 | 34,605,361 | 75,878,513  |
| 1953.....         | 22,817,285 | 14,992,908 | 37,810,193  |
| <i>Via rail—</i>  |            |            |             |
| 1957.....         | 12,495     | 7,600,996  | 7,613,491   |
| 1956.....         | 68,788     | 7,980,057  | 8,048,845   |
| 1955.....         | 45,555     | 8,258,090  | 8,303,645   |
| 1954.....         | 85,154     | 6,868,157  | 6,953,311   |
| 1953.....         | 298,713    | 4,608,462  | 4,907,175   |
| <i>Via other—</i> |            |            |             |
| 1957.....         |            | 3,232,983  | 3,232,983   |
| 1956.....         |            | 3,254,064  | 3,254,064   |
| 1955.....         |            | 2,026,598  | 2,026,598   |
| 1954.....         |            | 983,009    | 983,009     |
| 1953.....         | 482        | 799,995    | 800,477     |
| <i>Total—</i>     |            |            |             |
| 1957.....         | 42,922,161 | 42,813,296 | 85,735,457  |
| 1956.....         | 51,770,024 | 51,589,814 | 103,359,838 |
| 1955.....         | 41,437,961 | 41,298,232 | 82,736,193  |
| 1954.....         | 41,358,306 | 42,456,527 | 83,814,833  |
| 1953.....         | 23,116,480 | 20,401,365 | 43,517,845  |

### MAINTENANCE

Maintenance and repairs were carried out at a cost of \$75,337. The principal items were replacement of rubber belts and buckets, construction and repairs to roads, renewal of dock rubbing timbers, and general maintenance of elevator.

### INCOME AND EXPENSE

Operating income amounted to \$1,089,935, as compared with \$1,086,880 in 1956. Operating expenses were \$502,142, as against \$488,972 in the previous year.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$581,561 in 1957, as compared with \$538,199 in the previous year.

Prescott Elevator

BALANCE SHEET AS AT DECEMBER 31, 1957

| ASSETS  |                            | LIABILITIES  |                            |
|---|----------------------------|--|----------------------------|
| CURRENT—  |                            | CURRENT—   |                            |
| Cash.....   | \$ 395,069                 | Accounts Payable and Accrued Liabilities—General.....                                      | \$ 23,086                  |
| Accounts Receivable.....  | 147,043                    | DEFERRED INCOME.....   | 1,543                      |
| Prepaid Expenses—   |                            |  |                            |
| Stores on Hand.....   | 28,885                     |  | 24,629                     |
|   | <u>\$ 570,997</u>          |  |                            |
| RESERVE FUND ASSETS—  |                            | PROPRIETARY EQUITY OF THE GOVERNMENT   |                            |
| (Cash, \$5,799; bonds, at amortized cost, \$666,107, market value, \$690,119) held for: |                            | OF CANADA—   |                            |
| Replacement of Capital Assets.....  | 671,906                    | Assets transferred to the Board on its establishment and subsequently.....                 | \$ 4,895,940               |
|   |                            | Reserves—  |                            |
|   |                            | Replacement of Capital Assets.....   | 1,623,800                  |
|   |                            |  | <u>6,519,740</u>           |
| CAPITAL ASSETS—   |                            | Deduct: Deficit—   |                            |
| (at cost or estimated cost)   |                            | Balance as at Jan. 1, 1957.....  | \$ 929,962                 |
| Harbour Dredging.....   | 222,145                    | Less: Net Income for the year ended Dec. 31, 1957 per statement of Income and Expense..... | 581,561                    |
| Real Estate.....  | 96,698                     |  | <u>348,401</u>             |
| Roads, Fences and Boundaries.....   | 8,999                      |  |                            |
| Wharves and Piers.....  | 739,115                    |  |                            |
| Railway System.....   | 373,249                    |  |                            |
| Grain Elevator System.....  | 3,490,413                  |  |                            |
| Office Furniture and Appliances.....  | 7,418                      |  |                            |
| Miscellaneous Small Plant.....  | 9,388                      |  |                            |
| Works under Construction.....   | 5,640                      |  |                            |
|   | <u>4,953,065</u>           |  |                            |
|   | \$ 6,195,908               |  |                            |
|   | <u><u>\$ 6,195,908</u></u> |  | <u><u>\$ 6,195,908</u></u> |



## PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |    |       |
|-----------------------|----|-------|
| Property Rentals..... | \$ | 3,894 |
|-----------------------|----|-------|

## Wharves and Piers—

|                          |    |              |
|--------------------------|----|--------------|
| Top Wharfage.....        | \$ | 4,187        |
| Dockage.....             |    | 726          |
| Wharf Space Rentals..... |    | 1,000        |
| Miscellaneous.....       |    | 193          |
|                          |    | <u>6,106</u> |

## Grain Elevator System—

|                    |                  |
|--------------------|------------------|
| Elevation.....     | 621,692          |
| Storage.....       | 401,649          |
| Miscellaneous..... | 56,470           |
|                    | <u>1,079,811</u> |

|                     |                     |
|---------------------|---------------------|
| Railway System..... | 124                 |
|                     | <u>\$ 1,089,935</u> |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 442,723 |
|----------------------------|---------|

## Administrative—

|  |                |
|--|----------------|
| Salaries.....  | 30,301         |
| Contributions to Public Service Superannuation Account.... | 7,725          |
| Office Expenses.....                                       | 2,919          |
| Other.....   | 18,474         |
|  | <u>59,419</u>  |
|  | <u>502,142</u> |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 587,793 |
|---------------------------|---------|

## ADD OTHER INCOME—

|                              |                |
|------------------------------|----------------|
| Income from Investments..... | 21,906         |
| Miscellaneous.....           | 36,712         |
|                              | <u>58,618</u>  |
|                              | <u>646,411</u> |

## DEDUCT SPECIAL CHARGES—

|   |               |
|---|---------------|
| Provision for Interest on Loans and Advances..... | 10            |
| Provision for Replacement of Capital Assets.....  | 64,838        |
| Other.....  | 2             |
|   | <u>64,850</u> |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 581,561 |
|-----------------|------------|

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with four marine legs with an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1957.....         | 33,778,759 | 31,358,705 | 65,137,464  |
| 1956.....         | 51,273,072 | 48,912,806 | 100,185,878 |
| 1955.....         | 41,563,498 | 40,850,947 | 82,414,445  |
| 1954.....         | 43,473,114 | 42,244,624 | 85,717,738  |
| 1953.....         | 70,572,498 | 67,223,143 | 137,795,641 |
| <i>Via rail—</i>  |            |            |             |
| 1957.....         |            | 651,876    | 651,876     |
| 1956.....         |            | 648,910    | 648,910     |
| 1955.....         | 2,000      | 699,562    | 701,562     |
| 1954.....         |            | 966,880    | 966,880     |
| 1953.....         | 19,033     | 2,440,077  | 2,459,109   |
| <i>Via other—</i> |            |            |             |
| 1957.....         |            | 1,428,538  | 1,428,538   |
| 1956.....         |            | 1,153,678  | 1,153,678   |
| 1955.....         |            | 541,772    | 541,772     |
| 1954.....         |            | 418,857    | 418,857     |
| 1953.....         |            | 422,541    | 422,541     |
| <i>Total—</i>     |            |            |             |
| 1957.....         | 33,778,759 | 33,439,119 | 67,217,878  |
| 1956.....         | 51,273,072 | 50,715,394 | 101,988,466 |
| 1955.....         | 41,565,498 | 42,092,281 | 83,657,779  |
| 1954.....         | 43,473,114 | 43,630,361 | 87,103,475  |
| 1953.....         | 70,591,531 | 70,085,761 | 140,677,292 |

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$121,265, consisting mainly of overhaul and repairs to buildings; rebuilding marine leg "C" housing; replacing marine leg lofter and conveyor belts, and conversion of electric power sensitive equipment from 25 to 60 cycle current.

### INCOME AND EXPENSE

Operating income amounted to \$732,607, as compared with \$869,683 in 1956. Operating expenses were \$470,134, the corresponding figure for 1956 being \$588,078.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$225,075 in 1957, as compared with \$248,327 in the previous year.



## PORT COLBORNE ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Grain Elevator System—

|                    |            |                   |
|--------------------|------------|-------------------|
| Elevation.....     | \$ 437,200 |                   |
| Storage.....       | 270,999    |                   |
| Miscellaneous..... | 24,408     |                   |
|                    |            | <u>\$ 732,607</u> |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |  |
|----------------------------|---------|--|
| Grain Elevator System..... | 410,288 |  |
|----------------------------|---------|--|

## Administrative—

|  |           |                |
|--|-----------|----------------|
| Salaries.....  | \$ 29,324 |                |
| Contributions to Public Service Superannuation Account.... | 10,721    |                |
| Office Expenses.....                                       | 4,165     |                |
| Other.....   | 15,636    |                |
|  |           | <u>59,846</u>  |
|  |           | <u>470,134</u> |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 262,473 |
|---------------------------|---------|

## ADD OTHER INCOME—

|                              |       |                |
|------------------------------|-------|----------------|
| Income from Investments..... | 2,296 |                |
| Miscellaneous.....           | 3,066 |                |
|                              |       | <u>5,362</u>   |
|                              |       | <u>267,835</u> |

## DEDUCT SPECIAL CHARGES—

|   |        |               |
|---|--------|---------------|
| Provision for Interest on Loans and Advances..... | 15     |               |
| Provision for Replacement of Capital Assets.....  | 38,313 |               |
| Provision for Doubtful Accounts.....              | 40     |               |
| Other.....  | 4,392  |               |
|   |        | <u>42,760</u> |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 225,075 |
|-----------------|------------|



## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 2,055 linear feet of wharf providing four deepsea berths, with a depth of water alongside of 30 feet at low tide, and one berth for coastal shipping with a minimum depth of 15 feet at low tide; a steel transit shed 476 feet long by 173 feet wide; a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of three ships at a time; railway tracks along the wharf; a locomotive crane of 15 tons capacity; a floating crane of 10 tons capacity; shear legs of 35 tons capacity and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,772                      |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 53                      | 149,222                      |
| 1953.....          | 47                      | 127,553                      |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,922                      |
| 1955.....          | 66                      | 160,287                      |
| 1954.....          | 54                      | 149,227                      |
| 1953.....          | 47                      | 127,553                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957                    |                              | 1956                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 47                      | 188,021                      | 48                      | 172,347                      |
| Coastal or inland commercial (including fishery)..... | 19                      | 9,808                        | 19                      | 14,575                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 66                      | 197,829                      | 67                      | 186,922                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 47                      | 188,021                      | 48                      | 172,347                      |
| Coastal or inland commercial (including fishery)..... | 19                      | 9,808                        | 19                      | 14,575                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 66                      | 197,829                      | 67                      | 186,922                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1957.....        | 21,043 | 498,280 | 519,323 |
| 1956.....        | 2,589  | 487,510 | 490,099 |
| 1955.....        | 4,161  | 395,679 | 399,840 |
| 1954.....        | 4,622  | 374,544 | 379,166 |
| 1953.....        | 2,972  | 323,533 | 326,505 |
| <i>Domestic—</i> |        |         |         |
| 1957.....        | 180    | 6,242   | 6,422   |
| 1956.....        | 232    | 9,456   | 9,688   |
| 1955.....        | 3,581  | 7,128   | 10,709  |
| 1954.....        | 317    | 2,712   | 3,029   |
| 1953.....        | 290    | 3,229   | 3,519   |
| <i>Total—</i>    |        |         |         |
| 1957.....        | 21,223 | 504,522 | 525,745 |
| 1956.....        | 2,821  | 496,966 | 499,787 |
| 1955.....        | 7,742  | 402,807 | 410,549 |
| 1954.....        | 4,939  | 377,256 | 382,195 |
| 1953.....        | 3,262  | 326,762 | 330,024 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1957, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1957.....         |            | 16,770,206 | 16,770,206 |
| 1956.....         |            | 16,442,320 | 16,442,320 |
| 1955.....         |            | 13,175,257 | 13,175,257 |
| 1954.....         |            | 12,484,893 | 12,484,893 |
| 1953.....         |            | 10,784,446 | 10,784,446 |
| <i>Via rail—</i>  |            |            |            |
| 1957.....         | 16,898,942 | 99,000     | 16,997,942 |
| 1956.....         | 17,584,282 | 10,587     | 17,594,869 |
| 1955.....         | 15,075,776 | 145,156    | 15,220,932 |
| 1954.....         | 12,726,981 | 210,042    | 12,937,023 |
| 1953.....         | 11,478,118 | 207,429    | 11,685,547 |
| <i>Total—</i>     |            |            |            |
| 1957.....         | 16,898,942 | 16,869,206 | 33,768,148 |
| 1956.....         | 17,584,282 | 16,452,907 | 34,037,189 |
| 1955.....         | 15,075,776 | 13,320,413 | 28,396,189 |
| 1954.....         | 12,726,981 | 12,694,935 | 25,421,916 |
| 1953.....         | 11,478,118 | 10,991,875 | 22,469,993 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a cost of \$215,679. The principal items were replacing six elevator cleaners; installation of a screening screw conveyor between elevator and powerhouse; repairing bucket conveyor in powerhouse; overhauling caterpillar tractor, trucks, car, and dragline; replacing part of new pumproom at pumphouse, chipping and painting slipway cradle and part of elevator gallery; chipping and painting the hull and repairing the boiler and engine of the tug "Graham Bell"; painting and repairing small tug "Volunteer"; rebricking powerhouse boilers; overhauling diesel driven generator sets; repairing grain elevator equipment and overhauling elevator scale beams; replacing timber sheathing on the face of the wharf, and repairing travelling water screen.

## CAPITAL WORKS

Capital expenditures amounted to \$263,775, of which \$23,725 was provided from replacement fund. The principal items were:—

*Alteration to End of Wharf.*—A contract was awarded to The Carter Construction Company Limited in April, 1957, for alterations to the north end of the existing wharf. The work was completed in December, 1957.

*Minor Items.*—Minor capital works included the building of a new pump room at the lake pumphouse; installation of elevator horns; and the purchase of an air compressor, one automobile, two filing cabinets, two typewriters, and one lathe.

## INCOME AND EXPENSE

Operating income amounted to \$1,097,120, as compared with \$1,074,722 in 1956. Operating expenses were \$918,842, as against \$745,554 in the previous year, showing an increase of \$173,288 which to a large extent was due to Grain Elevator maintenance charges. Net operating income was \$178,278 in 1957, as compared with \$329,168 in 1956.

After taking into account other income and deducting special charges, including interest on debt and provision for the replacement of capital assets, there was a net income deficit of \$135,941 in 1957, as compared with a surplus of \$10,010 in the previous year.

# Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1957

### HARBOUR OF CHURCHILL

91

| ASSETS   |                   | LIABILITIES   |                      |
|--|-------------------|---|----------------------|
| CURRENT—   |                   | CURRENT—  |                      |
| Cash.....  | 112,102           | Accounts Payable and Accrued Liabilities—General.....   | \$ 20,477            |
| Accounts Receivable.....   | \$ 21,496         | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....  | 31,894               |
| Less: Provision for Doubtful Accounts.....   | 728               | CONTRACTORS' HOLDBACKS.....   | 24,023               |
| Accrued Income.....  | 20,768            | DEFERRED INCOME.....  | 5,290                |
| Prepaid Expenses.....  | 66,381            |   |                      |
| Stores on Hand.....  | 123,460           |   |                      |
| Miscellaneous.....   | 34,875            |   |                      |
|  | <u>357,586</u>    |   | <u>81,684</u>        |
| RESERVE FUND ASSETS—   |                   |   |                      |
| (Cash, \$26,758; bonds, at amortized cost, \$401,083, market value, \$404,882) held for: |                   |   |                      |
| Replacement of Capital Assets.....   | 412,591           | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—   |                      |
| Special Maintenance.....   | 15,250            | Assets transferred to the Board on its establishment and subsequently.....                        | \$ 12,867,802        |
|  | <u>427,841</u>    | Loans and Advances.....   | 2,933,132            |
| SPECIAL FUND ASSETS—   |                   | Interest in arrears on Loans and Advances.....  | 289,905              |
| (Cash, \$31,894) held for:   |                   |   |                      |
| Contractors' Security Deposits.....  | 31,894            |   |                      |
|  | <u>31,894</u>     |   |                      |
| CAPITAL ASSETS—  |                   | Reserves—   |                      |
| (At cost or estimated cost)  |                   | Replacement of Capital Assets.....  | \$ 4,936,416         |
| Harbour Dredging.....  | 952,699           | Special Maintenance.....  | 15,250               |
| Real Estate.....   | 60,278            |   | <u>4,951,666</u>     |
| Miscellaneous Structures.....  | 149,933           |   | <u>21,092,505</u>    |
| Wharves and Piers.....   | 1,492,830         |   |                      |
| Permanent Sheds.....   | 200,595           | Deduct: Deficit—  |                      |
| Grain Elevator System.....   | 5,202,341         | Balance as at Jan. 1, 1957.....   | 4,407,629            |
| Office Furniture and Appliances.....   | 6,802             | Less: Prior years' adjustments.....   | 403                  |
| Harbour Buildings.....   | 719,561           |   | <u>4,407,226</u>     |
| Harbour Shops.....   | 17,233            |   |                      |
| Electric Power System.....   | 885,042           |   |                      |
| Water Supply System.....   | 441,053           |   |                      |
| Floating Equipment.....  | 709,716           |   |                      |
| Shore Equipment.....   | 110,967           |   |                      |
| Miscellaneous Small Plant.....   | 325,464           |   |                      |
| Engineering—General Surveys.....   | 109,441           |   |                      |
| Works Under Construction.....  | 617               |   |                      |
| Sundry Expenditure—Undistributed.....  | 4,339,129         |   |                      |
|  | <u>15,813,701</u> | Add: Net Income Deficit for the year ended Dec. 31, 1957 per statement of Income and Expense..... | 135,941              |
|  |                   |   | <u>4,543,167</u>     |
|  |                   |   | <u>16,549,338</u>    |
|  |                   |   | <u>\$ 16,631,022</u> |



## HARBOUR OF CHURCHILL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |              |  |
|-----------------------|--------------|--|
| Harbour Dues.....     | \$ 2,383     |  |
| Property Rentals..... | 2,360        |  |
| Miscellaneous.....    | 625          |  |
|                       | <u>5,368</u> |  |

## Wharves and Piers—

|                   |               |  |
|-------------------|---------------|--|
| Top Wharfage..... | 40,369        |  |
| Dockage.....      | 10,517        |  |
|                   | <u>50,886</u> |  |

## Grain Elevator System—

|                    |                |  |
|--------------------|----------------|--|
| Elevation.....     | 372,586        |  |
| Storage.....       | 290,890        |  |
| Miscellaneous..... | 146,041        |  |
|                    | <u>809,517</u> |  |

## Permanent Sheds—

|                             |                     |  |
|-----------------------------|---------------------|--|
| Storage.....                | 6,890               |  |
| Miscellaneous Services..... | 224,459             |  |
|                             | <u>\$ 1,097,120</u> |  |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|  |                |  |
|--|----------------|--|
| Harbour (including \$33,140 for dredging)..... | 83,605         |  |
| Wharves and Piers.....                         | 25,299         |  |
| Grain Elevator System.....                     | 518,039        |  |
| Permanent Sheds.....                           | 3,592          |  |
| Miscellaneous Services.....                    | 198,682        |  |
|  | <u>829,217</u> |  |

## Administrative—

|  |               |         |
|--|---------------|---------|
| Salaries.....  | 45,107        |         |
| Contributions to Public Service Superannuation Account.... | 4,354         |         |
| Office Expenses.....                                       | 4,584         |         |
| Other.....   | 35,580        |         |
|  | <u>89,625</u> |         |
|  |               | 918,842 |

NET OPERATING INCOME..... 178,278

## ADD OTHER INCOME—

|   |               |         |
|---|---------------|---------|
| Income from Investments (less \$250 applicable to Reserve Funds)..... | 11,316        |         |
| Miscellaneous.....  | 446           |         |
|   | <u>11,762</u> |         |
|   |               | 190,040 |

## DEDUCT SPECIAL CHARGES—

|   |                |  |
|---|----------------|--|
| Provision for Interest on Loans and Advances..... | 90,805         |  |
| Provision for Replacement of Capital Assets.....  | 233,059        |  |
| Provision for Doubtful Accounts.....              | 728            |  |
| Other.....  | 1,389          |  |
|   | <u>325,981</u> |  |

NET INCOME DEFICIT..... \$ 135,941

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, Pacific Great Eastern, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 35 feet which is now being increased to 40 feet. The National Harbours Board has piers, wharves and jetties with about 9,500 linear feet of berthing, providing 17 deepsea berths and three berths for coastal shipping, also six transit sheds with an aggregate floor area of about 576,000 square feet. The Board's four grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber. Three special wharves are also provided for the fishing industry, one being complete with a shed, a small ice plant and freezing equipment for processing fish. A 40-ton fixed derrick is installed on Lapointe Pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1957.....          | 31,433                  | 21,169,505                   |
| 1956.....          | 33,031                  | 21,675,067                   |
| 1955.....          | 32,773                  | 20,136,443                   |
| 1954.....          | 32,981                  | 19,812,216                   |
| 1953.....          | 32,170                  | 20,229,047                   |
| <i>Departures—</i> |                         |                              |
| 1957.....          | 30,997                  | 21,147,711                   |
| 1956.....          | 32,788                  | 21,542,409                   |
| 1955.....          | 32,315                  | 20,121,377                   |
| 1954.....          | 32,357                  | 19,769,262                   |
| 1953.....          | 32,013                  | 20,198,821                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1957, with comparison for 1956.

|   | 1957              |                        | 1956              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,565             | 6,679,188              | 1,428             | 6,076,403              |
| Coastal or inland commercial (including fishery)..... | 29,868            | 14,490,317             | 31,603            | 15,598,664             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>31,433</b>     | <b>21,169,505</b>      | <b>33,031</b>     | <b>21,675,067</b>      |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,555             | 6,638,388              | 1,418             | 6,036,824              |
| Coastal or inland commercial (including fishery)..... | 29,442            | 14,509,323             | 31,370            | 15,505,585             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>30,997</b>     | <b>21,147,711</b>      | <b>32,788</b>     | <b>21,542,409</b>      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1957, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1957.....        | 1,377,832 | 6,503,139 | 7,880,971  |
| 1956.....        | 1,657,486 | 5,765,332 | 7,422,818  |
| 1955.....        | 1,296,580 | 3,835,817 | 5,132,397  |
| 1954.....        | 1,631,905 | 4,271,172 | 5,903,077  |
| 1953.....        | 2,731,087 | 4,068,348 | 6,799,435  |
| <i>Domestic—</i> |           |           |            |
| 1957.....        | 3,217,351 | 2,024,178 | 5,241,529  |
| 1956.....        | 3,638,407 | 2,300,079 | 5,938,486  |
| 1955.....        | 3,821,188 | 2,031,427 | 5,852,615  |
| 1954.....        | 3,650,004 | 1,935,994 | 5,585,998  |
| 1953.....        | 3,256,366 | 1,780,732 | 5,037,098  |
| <i>Total—</i>    |           |           |            |
| 1957.....        | 4,595,183 | 8,527,317 | 13,122,500 |
| 1956.....        | 5,295,893 | 8,065,411 | 13,361,304 |
| 1955.....        | 5,117,768 | 5,867,244 | 10,985,012 |
| 1954.....        | 5,281,909 | 6,207,166 | 11,489,075 |
| 1953.....        | 5,987,453 | 5,849,080 | 11,836,533 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)  
Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1957, with comparison for 1956.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Sand<br>and<br>Gravel | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars<br>and Ties<br>(railway) | Petroleum<br>Oil,<br>crude | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and<br>Square<br>Timber | Petroleum<br>Oil,<br>fuel | Gasoline | Pulpwood | Wood-pulp | Cement,<br>common or<br>portland | Flour,<br>wheat |
|------------------|-----------|-----------------------|---|----------------------------|--|---------------------------|----------|----------|-----------|----------------------------------|-----------------|
| <i>Foreign—</i>  |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| Inward—          |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        |           | 264                   | 674   | .....                      | 7,435  | 213,913                   | 17,514   | .....    | 593       | 15,495                           | 1               |
| 1956.....        |           | 97                    | 9,574   | .....                      | 8,941  | 414,756                   | 36,299   | .....    | 162       | 4,969                            | 130             |
| Outward—         |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        | 4,092,426 | .....                 | 54,171  | 1,018,849                  | 373,935  | 43,170                    | 209,012  | 229,079  | 9,367     | 66                               | 221,718         |
| 1956.....        | 3,594,564 | .....                 | 39,213  | 887,154                    | 336,923  | 21,004                    | 206,523  | 181,529  | 31,345    | 2                                | 254,742         |
| <i>Domestic—</i> |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| Inward—          |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        |           | 901,843               | 879,825   | .....                      | 490,849  | 14,941                    | 1,185    | .....    | 216,601   | 195,900                          | .....           |
| 1956.....        |           | 793,914               | 1,001,871   | .....                      | 734,267  | .....                     | .....    | .....    | 292,809   | 176,203                          | .....           |
| Outward—         |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        |           | 140,815               | 102,518   | .....                      | 20,784   | 487,784                   | 285,030  | 6,438    | .....     | 11,750                           | 68              |
| 1956.....        |           | 9,858                 | 107,425   | .....                      | 32,478   | 512,541                   | 293,394  | .....    | 1,997     | 20,573                           | 161             |
| <i>Totals—</i>   |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| Inward—          |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        |           | 902,107               | 880,490   | .....                      | 507,284  | 228,854                   | 18,699   | .....    | 217,194   | 211,395                          | 1               |
| 1956.....        |           | 794,011               | 1,011,445   | .....                      | 743,208  | 414,756                   | 36,299   | .....    | 292,971   | 181,172                          | 130             |
| Outward—         |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        | 4,092,426 | 140,815               | 156,689   | 1,018,849                  | 393,819  | 530,954                   | 494,042  | 235,517  | 9,367     | 11,816                           | 221,786         |
| 1956.....        | 3,594,564 | 9,858                 | 146,638   | 887,154                    | 369,401  | 533,545                   | 499,917  | 181,529  | 33,342    | 20,575                           | 254,903         |
| Total—           |           |                       |   |                            |  |                           |          |          |           |                                  |                 |
| 1957.....        | 4,092,426 | 1,042,922             | 1,037,188   | 1,018,849                  | 901,103  | 759,808                   | 512,741  | 235,517  | 226,561   | 223,211                          | 221,787         |
| 1956.....        | 3,594,564 | 803,869               | 1,158,083   | 887,154                    | 1,112,609  | 948,301                   | 536,216  | 181,529  | 326,313   | 201,747                          | 255,033         |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Motor<br>Vehicles<br>and Parts | Hog Fuel | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Paper,<br>newsprint | Coal,<br>bituminous | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoops,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Kerosene | Sugar, raw | Salt   | Chemicals<br>not<br>otherwise<br>specified |
|------------------|--------------------------------|----------|--|---------------------|---------------------|---|---|----------|------------|--------|--|
| <i>Foreign—</i>  |                                |          |  |                     |                     |   |   |          |            |        |  |
| Inward—          |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 108,269                        |          | 148,715  | 753                 |                     | 19,080  | 83,309  | 29,956   | 71,411     | 51,976 | 31,397                                     |
| 1956.....        | 77,268                         |          | 194,327  |                     |                     | 18,816  | 101,982   | 73,671   | 100,204    | 18,441 | 28,935                                     |
| Outward—         |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 3,423                          | 17,918   | 1,107  | 9,953               | 1,697               | 2,790   | 1,193   | 1,111    |            |        | 12,358                                     |
| 1956.....        | 2,867                          |          | 1,377  | 6,527               | 3,073               | 2,103   | 1,024   |          |            |        | 5,436                                      |
| <i>Domestic—</i> |                                |          |  |                     |                     |   |   |          |            |        |  |
| Inward—          |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 42,539                         |          | 1  | 135,844             | 25,993              | 22,324  | 900   | 1,055    |            |        |  |
| 1956.....        | 36,609                         |          | 1  | 153,454             | 26,968              | 13,784  |   |          |            |        |  |
| Outward—         |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 52,688                         | 180,315  | 2,164  | 36                  | 74,517              | 46,721  | 1,772   | 47,701   |            | 3,943  | 11,136                                     |
| 1956.....        | 44,682                         | 195,352  | 54,592   |                     | 67,961              | 33,986  | 1,742   | 67,542   |            | 7,762  | 13,692                                     |
| <i>Totals—</i>   |                                |          |  |                     |                     |   |   |          |            |        |  |
| Inward—          |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 150,808                        |          | 148,716  | 136,597             | 25,993              | 41,404  | 83,309  | 31,011   | 71,411     | 51,976 | 31,397                                     |
| 1956.....        | 113,877                        |          | 194,328  | 153,454             | 26,968              | 32,600  | 102,882   | 73,671   | 100,204    | 18,441 | 28,935                                     |
| Outward—         |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 56,111                         | 198,233  | 3,271  | 9,989               | 76,214              | 49,511  | 2,965   | 48,812   |            | 3,943  | 23,494                                     |
| 1956.....        | 47,549                         | 195,352  | 54,969   | 6,527               | 71,034              | 36,089  | 2,766   | 67,542   |            | 7,762  | 19,128                                     |
| Total—           |                                |          |  |                     |                     |   |   |          |            |        |  |
| 1957.....        | 206,919                        | 198,233  | 151,987  | 146,586             | 102,207             | 90,915  | 86,274  | 79,823   | 71,411     | 55,919 | 54,891                                     |
| 1956.....        | 161,426                        | 195,352  | 249,297  | 159,981             | 98,002              | 68,689  | 105,048   | 141,213  | 100,204    | 26,203 | 48,063                                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Ores<br>and<br>Concen-<br>trates<br>not<br>otherwise<br>specified | Lime   | Fertilizers<br>and<br>Fertilizer<br>Materials | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Zinc Ore | Groceries<br>not<br>otherwise<br>specified | Hardware<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Dry<br>Goods<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Rails<br>and<br>Fastenings |
|------------------|--|---|--------|---|---|----------|--|---|--|---|--|
| <i>Foreign—</i>  |  |   |        |   |   |          |  |   |  |   |  |
| Inward—          |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 33,802   | 30,047  | 6      | 2,149   | 14  | 38,641   | 6,901                                      | 6,306                                     | 19,684   | 6,456   | 32,331   |
| 1956.....        | 24,942   | 24,666  |        | 2,271   |   | 28,002   | 6,016                                      | 10,161                                    | 16,538   | 3,319   | 35,892   |
| Outward—         |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 19,489   | 86  |        | 29,815  | 38,491  | 28       | 134  | 43  | 1,762  | 63  |  |
| 1956.....        | 10,365   | 14,161  | 5      | 17,211  | 22,291  |          | 124  | 139                                       | 303  | 35  |  |
| <i>Domestic—</i> |  |   |        |   |   |          |  |   |  |   |  |
| Inward—          |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        |  | 19,401  | 46,726 | 11,457  | 47  | 2,052    | 7,245                                      | 10,222                                    | 2,684  | 8,947   |  |
| 1956.....        | 267  | 55,644  | 50,925 | 13,720  | 47  | 1,022    | 5,939                                      | 5,941                                     | 287  | 5,936   |  |
| Outward—         |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 66   | 1,824   | 993    | 4   | 3,452   |          | 26,216                                     | 23,136                                    | 14,718   | 19,912  | 348  |
| 1956.....        | 323  |   | 2,399  | 1   | 5,625   |          | 13,966                                     | 14,000                                    | 6,949  | 13,719  | 12,892   |
| <i>Totals—</i>   |  |   |        |   |   |          |  |   |  |   |  |
| Inward—          |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 33,802   | 49,448  | 46,732 | 13,606  | 61  | 40,693   | 14,146                                     | 16,528                                    | 22,368   | 15,403  | 32,331   |
| 1956.....        | 25,209   | 80,310  | 50,925 | 15,991  | 47  | 29,024   | 11,955                                     | 16,102                                    | 16,825   | 9,255   | 35,892   |
| Outward—         |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 19,555   | 1,910   | 993    | 29,819  | 41,943  | 28       | 26,350                                     | 23,179                                    | 16,480   | 19,975  | 348  |
| 1956.....        | 10,688   | 14,161  | 2,404  | 17,212  | 27,916  |          | 14,090                                     | 14,139                                    | 7,252  | 13,754  | 12,892   |
| Total—           |  |   |        |   |   |          |  |   |  |   |  |
| 1957.....        | 53,357   | 51,358  | 47,725 | 43,425  | 42,004  | 40,721   | 40,496                                     | 39,707                                    | 38,848   | 35,378  | 32,679   |
| 1956.....        | 35,897   | 94,471  | 53,329 | 33,203  | 27,963  | 29,024   | 26,045                                     | 30,241                                    | 24,077   | 23,009  | 48,784   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fish<br>(including<br>Shell-fish),<br>fresh or<br>frozen | Paper<br>not<br>otherwise<br>specified | Iron or<br>Steel,<br>structural | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers | Petroleum<br>Oil,<br>refined not<br>otherwise<br>specified | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | China-<br>ware,<br>Earthen-<br>ware<br>and<br>Porcelain-<br>ware | Beverages,<br>alcoholic | Copper<br>concentrates,<br>Matte<br>and Ore | Iron or<br>Steel Wire<br>and Wire<br>Manu-<br>factures | Toys   |
|------------------|--|--|---------------------------------|---|--|--|--|-------------------------|---|--|--------|
| <i>Foreign—</i>  |  |  |                                 |   |  |  |  |                         |   |  |        |
| Inward—          |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 4,381  | 5,245                                  | 21,341                          | 14,973  | 13,473   | 4,226  | 24,001   | 11,155                  | 9,423                                       | 19,940   | 19,514 |
| 1956.....        | 5,274  | 3,935                                  | 16,256                          | 10,349  | 12,573   | 13,040   | 24,443   | 10,135                  | .....                                       | 19,166   | 17,170 |
| Outward—         |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 711  | 8,307                                  | .....                           | 6,361   | 18   | 11,307   | 29   | 2,581                   | 12,083                                      | 118  | 88     |
| 1956.....        | 512  | 6,805                                  | 353                             | 7,271   | 42   | 16,877   | 219  | 3,271                   | .....                                       | 234  | 88     |
| <i>Domestic—</i> |  |  |                                 |   |  |  |  |                         |   |  |        |
| Inward—          |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 24,700   | 1,255                                  | 350                             | 3,316   | 908  | 9,815  | .....  | 1,446                   | .....                                       | 24   | .....  |
| 1956.....        | 32,934   | 19,265                                 | 70                              | 3,573   | .....  | 10,063   | .....  | 1,801                   | .....                                       | 7  | .....  |
| Outward—         |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 533  | 14,395                                 | 5,427                           | 996   | 11,159   | 13   | 444  | 8,819                   | .....                                       | 259  | 1      |
| 1956.....        | 13   | 16,646                                 | 7,170                           | 1,488   | 12,040   | 6  | 988  | 21,484                  | .....                                       | 382  | .....  |
| <i>Totals—</i>   |  |  |                                 |   |  |  |  |                         |   |  |        |
| Inward—          |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 29,081   | 6,500                                  | 21,691                          | 18,289  | 14,381   | 14,041   | 24,001   | 12,601                  | 9,423                                       | 19,964   | 19,514 |
| 1956.....        | 38,208   | 23,200                                 | 16,326                          | 13,922  | 12,573   | 23,103   | 24,443   | 11,936                  | .....                                       | 19,173   | 17,170 |
| Outward—         |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 1,244  | 22,702                                 | 5,427                           | 7,357   | 11,177   | 11,320   | 473  | 11,400                  | 12,083                                      | 377  | 89     |
| 1956.....        | 525  | 23,451                                 | 7,523                           | 8,759   | 12,082   | 16,883   | 1,207  | 24,755                  | .....                                       | 616  | 88     |
| <i>Total—</i>    |  |  |                                 |   |  |  |  |                         |   |  |        |
| 1957.....        | 30,325   | 29,202                                 | 27,118                          | 25,646  | 25,558   | 25,361   | 24,474   | 24,001                  | 21,506                                      | 20,341   | 19,603 |
| 1956.....        | 38,733   | 46,651                                 | 23,849                          | 22,681  | 24,655   | 39,986   | [ 25,650   | 36,691                  | .....                                       | 19,789   | 17,258 |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Iron<br>or<br>Steel,<br>scrap | Copra  | Glass and<br>Glass<br>Manu-<br>factures | Fruits,<br>fresh, not<br>otherwise<br>specified | Coffee<br>Beans<br>and<br>Coffee<br>Prepara-<br>tions | Creosote<br>Oil | Cotton<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Tallow,<br>inedible | Jute and<br>Jute<br>Manu-<br>factures | All Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|-------------------------------|--------|---|---|---|-----------------|--|---------------------|---------------------------------------|--|------------|
| <i>Foreign—</i>  |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| Inward—          |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 2,280                         | 16,954 | 16,908                                  | 15,823  | 15,442  | 14,024          | 12,704   | 18                  | 10,268                                | 148,646                                    | 1,377,832  |
| 1956.....        | 1,528                         | 14,824 | 21,042                                  | 26,315  | 17,114  | 10,496          | 9,825  | 13                  | 13,450                                | 144,431                                    | 1,657,486  |
| Outward—         |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 10,902                        | .....  | 1                                       | 56  | 101   | .....           | 28   | 12,192              | 202                                   | 45,700                                     | 6,503,139  |
| 1956.....        | 7,357                         | 569    | 68                                      | 16  | 92  | .....           | 78   | 12,448              | 477                                   | 69,413                                     | 5,765,332  |
| <i>Domestic—</i> |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| Inward—          |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 4,078                         | .....  | .....                                   | .....   | .....   | .....           | 2  | .....               | .....                                 | 124,777                                    | 3,217,351  |
| 1956.....        | 4,167                         | .....  | .....                                   | .....   | .....   | .....           | .....  | .....               | .....                                 | 195,509                                    | 3,638,407  |
| Outward—         |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 626                           | .....  | 39                                      | 24  | 8   | .....           | 147  | .....               | 302                                   | 414,137                                    | 2,024,178  |
| 1956.....        | .....                         | .....  | 74                                      | 73  | 16  | .....           | 144  | .....               | 407                                   | 703,536                                    | 2,300,079  |
| <i>Totals—</i>   |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| Inward—          |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 6,358                         | 16,954 | 16,908                                  | 15,823  | 15,442  | 14,024          | 12,706   | 18                  | 10,268                                | 273,423                                    | 4,595,183  |
| 1956.....        | 5,695                         | 14,824 | 21,042                                  | 26,315  | 17,114  | 10,496          | 9,825  | 13                  | 13,450                                | 339,940                                    | 5,295,893  |
| Outward—         |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 11,528                        | .....  | 40                                      | 80  | 109   | .....           | 175  | 12,192              | 504                                   | 459,837                                    | 8,527,317  |
| 1956.....        | 7,357                         | 569    | 142                                     | 89  | 108   | .....           | 222  | 12,448              | 884                                   | 772,949                                    | 8,065,411  |
| <i>Total—</i>    |                               |        |   |   |   |                 |  |                     |                                       |  |            |
| 1957.....        | 17,886                        | 16,954 | 16,948                                  | 15,903  | 15,551  | 14,024          | 12,881   | 12,210              | 10,772                                | 733,260                                    | 13,122,500 |
| 1956.....        | 13,052                        | 15,393 | 21,134                                  | 26,404  | 17,222  | 10,496          | 10,047   | 12,461              | 14,334                                | 1,112,839                                  | 13,361,304 |



## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1957, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1957.....         | 6,432   | 4,431    | 10,863    |
| 1956.....         | 5,049   | 4,356    | 9,405     |
| 1955.....         | 4,634   | 5,258    | 9,892     |
| 1954.....         | 4,054   | 3,888    | 7,942     |
| 1953.....         | 2,615   | 2,555    | 5,170     |
| <i>Coastwise—</i> |         |          |           |
| 1957.....         | 731,753 | 750,779  | 1,482,532 |
| 1956.....         | 703,411 | 709,795  | 1,413,206 |
| 1955.....         | 639,130 | 649,731  | 1,288,861 |
| 1954.....         | 670,516 | 677,393  | 1,347,909 |
| 1953.....         | 712,738 | 757,771  | 1,470,509 |
| <i>Total—</i>     |         |          |           |
| 1957.....         | 738,185 | 755,210  | 1,493,395 |
| 1956.....         | 708,460 | 714,151  | 1,422,611 |
| 1955.....         | 643,764 | 654,989  | 1,298,753 |
| 1954.....         | 674,570 | 681,281  | 1,355,851 |
| 1953.....         | 715,353 | 760,326  | 1,475,679 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1957, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1957.....         |             | 138,385,580 | 138,385,580 |
| 1956.....         |             | 121,262,008 | 121,262,008 |
| 1955.....         |             | 82,542,693  | 82,542,693  |
| 1954.....         |             | 100,848,241 | 100,848,241 |
| 1953.....         |             | 103,884,278 | 103,884,278 |
| <i>Via rail—</i>  |             |             |             |
| 1957.....         | 141,553,239 | 2,061,796   | 143,615,035 |
| 1956.....         | 124,052,383 | 1,694,928   | 125,747,311 |
| 1955.....         | 79,104,543  | 1,507,721   | 80,612,264  |
| 1954.....         | 100,339,683 | 1,044,618   | 101,384,301 |
| 1953.....         | 113,203,504 | 1,832,251   | 115,035,755 |
| <i>Via other—</i> |             |             |             |
| 1957.....         | 13,445      | 474,408     | 487,853     |
| 1956.....         | 4,831       | 710,161     | 714,992     |
| 1955.....         | 75,396      | 604,187     | 679,583     |
| 1954.....         | 163,840     | 958,547     | 1,122,387   |
| 1953.....         | 115,795     | 2,292,677   | 2,408,472   |
| <i>Total—</i>     |             |             |             |
| 1957.....         | 141,566,684 | 140,921,784 | 282,488,468 |
| 1956.....         | 124,057,214 | 123,667,097 | 247,724,311 |
| 1955.....         | 79,179,939  | 84,654,601  | 163,834,540 |
| 1954.....         | 100,503,523 | 102,851,406 | 203,354,929 |
| 1953.....         | 113,319,299 | 108,009,206 | 221,328,505 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$207,860. The principal items were extensive rehabilitation of No. 2 elevator and extensive progress on rehabilitation of upper shed doors, Ballantyne Pier; modernization of dock lighting system, Ballantyne Pier; re-wiring and modernization of electri-

cal system, No. 2 shed, Lapointe Pier; extensive renewals and replacements of metal sash, No. 1 elevator annex; and progressive replacement, in concrete, of wooden valve boxes, Granville Island water system.

### CAPITAL WORKS

Capital expenditures amounted to \$981,611, of which \$841,186 was provided from revenues. The principal items were:—

*Construction of Centennial Pier.*—A contract was awarded in August, 1957, to Northern Construction Company and J. W. Stewart Limited, for the construction of a new deepsea pier 1,200 feet long by 547 feet wide by means of the concrete crib and copewall method. With approximately 40% of the total amount of dredging completed, a favourable start has been made on the fabrication of the pier cribs.

*New Access Roadway, East Side No. 3 Elevator and Jetty.*—Marwell Construction Company was awarded a contract for the supply of fill required for the construction of a new access roadway from Powell Street to No. 3 Jetty. Approximately 75% of the work has been completed this year.

*Additional Transformers, Elevator No. 3.*—Due to the installation of additional grain equipment, it was necessary to increase the load capacity of the electrical substation. In this connection, a contract was awarded to Bepco Canada Limited in March, 1956, for the supply of the required equipment, the installation of which was carried out by Board forces.

*Insulation of Fish Oil Storage Tanks, Lapointe Pier.*—A contract was awarded to F. Drexel Company Limited for the insulation of eight 50,000-gallon fish oil storage tanks and equipment at Lapointe Pier. In addition to being insulated, the tanks were provided with automatic electric heating. The work was completed during 1957.

*Installation of Bulk Screenings Loading Bins, No. 3 Elevator.*—In July, 1957, a contract was awarded to Commonwealth Construction Company, Limited for the supply and installation of bulk screenings loading bins at No. 3 elevator. Approximately 70% of the work has been completed during the year.

*Installation of Flax Cleaners, Elevator No. 3.*—A contract was awarded to Northland Machinery Supply Company Limited in October, 1956, for the supply and installation of flax cleaners and auxiliary equipment in grain elevator No. 3. Approximately 95% of the work has been completed during the year.

*Installation of Cargo Crane, Ballantyne Pier.*—In April, 1957, a contract was awarded to Provincial Engineering Limited for the supply and installation of a new gantry luffing crane for the west side of Ballantyne Pier. Delivery and installation is anticipated early in 1958.

*Additional Vehicular Entrance, Ballantyne Pier.*—A contract was awarded to Commonwealth Construction Company, Limited for the paving of approximately 900 square yards of new approach roadway, Ballantyne Pier. Preliminary work only was done during 1957.

### INCOME AND EXPENSE

Operating income was \$4,101,410, as compared with \$3,654,085 in 1956, the increase being \$447,325, while operating expenses were \$2,260,285 as compared with \$2,392,875 in 1956.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$1,214,577, as compared with a surplus of \$725,149 in 1956.

## Harbour of Vancouver

## BALANCE SHEET AS AT DECEMBER 31, 1957

| ASSETS   |              | LIABILITIES  |              |
|--|--------------|--|--------------|
| CURRENT—   |              | CURRENT—   |              |
| Cash.....  | \$ 911,668   | Accounts Payable and Accrued Liabilities—General.....                      | \$ 307,083   |
| Accounts Receivable.....   | \$ 506,024   | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                             | 402,915      |
| Less: Provision for Doubtful Accounts..  | 9,926        | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                               | 139,750      |
| Accrued Income.....  | 496,098      | CONTRACTORS' HOLDBACKS.....  | 93,995       |
| Prepaid Expenses—  | 75,581       | DEFERRED INCOME.....   | 151,568      |
| Stores on Hand.....  | 35,053       | CREDIT BALANCES IN SUSPENSE.....   | 85,311       |
|  | \$ 1,518,400 |  | 1,180,622    |
| RESERVE FUND ASSETS—   |              | PROPRIETARY EQUITY OF THE GOVERNMENT                                       |              |
| (Cash, \$91,269; bonds, at amortized cost, \$8,767,847; market value, \$8,346,645) held for: |              | OF CANADA—   |              |
| Replacement of Capital Assets.....   | 8,571,447    | Assets transferred to the Board on its establishment and subsequently..... | \$ 2,661,404 |
| Fire and General Insurance.....  | 269,286      | Loans and Advances.....  | 22,228,164   |
| Special Maintenance.....   | 18,383       |  |              |
|  | 8,859,116    |  |              |
| SPECIAL FUND ASSETS—   |              | RESERVES—  |              |
| (Cash, \$50,799; bonds \$174,262) held for:  |              | Replacement of Capital Assets.....   | \$ 8,573,609 |
| Contractors' Security Deposits.....  | 139,750      | Fire and General Insurance.....  | 269,286      |
| Other.....   | 85,311       | Special Maintenance.....   | 30,018       |
|  | 225,061      |  | 8,872,913    |
|  |              |  | 33,762,481   |
| INVESTMENTS IN BONDS—  |              | Add: Surplus—  |              |
| (At amortized cost, market value \$779,852).....   | 787,943      | Balance as at Jan. 1, 1957.....  | 5,395,546    |
| PRELIMINARY CAPITAL EXPENSES.....  | 4,885        | Add: Prior Years' Adjustments (Net).....                                   | 73,052       |
| DEBIT BALANCES IN SUSPENSE.....  | 1,036        |  | 5,468,598    |
| CAPITAL ASSETS—  |              |  |              |
| (At cost or estimated cost)  |              |  |              |
| Harbour Dredging.....  | 18,607       |  |              |
| Real Estate.....   | 7,072,202    |  |              |
| Roads, Fences and Boundaries.....  | 354,504      |  |              |
| Sewers and Drains.....   | 16,549       |  |              |
| Miscellaneous Structures.....  | 27,665       |  |              |
| Wharves and Piers.....   | 10,209,025   |  |              |
| Permanent Sheds.....   | 2,235,946    |  |              |

|                                      |                      |
|--------------------------------------|----------------------|
| Railway System.....                  | 44,483               |
| Grain Elevator System.....           | 8,347,544            |
| Cold Storage System.....             | 107,561              |
| Office Furniture and Appliances..... | 46,915               |
| Harbour Buildings.....               | 178,485              |
| Harbour Shops.....                   | 12,496               |
| Water Supply System.....             | 53,848               |
| Floating Equipment.....              | 18,882               |
| Shore Equipment.....                 | 424,980              |
| Miscellaneous Small Plant.....       | 56,781               |
| Engineering-General Surveys.....     | 7,871                |
| Works Under Construction.....        | 995,793              |
|                                      | <u>30,229,837</u>    |
|                                      | <u>\$ 41,626,278</u> |

|   |                  |                      |
|---|------------------|----------------------|
| Add: Net Income for the year ended<br>Dec. 31, 1957 per statement of<br>Income and Expense..... | <u>1,214,577</u> |                      |
|   |                  | <u>6,683,175</u>     |
|   |                  | <u>40,445,656</u>    |
|   |                  | <u>\$ 41,626,278</u> |



## HARBOUR OF VANCOUVER

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

## OPERATING INCOME—

## Harbour—

|                       |            |              |
|-----------------------|------------|--------------|
| Harbour Dues.....     | \$ 198,023 |              |
| Cargo Rates.....      | 598,503    |              |
| Handling.....         | 1,269,396  |              |
| Property Rentals..... | 319,950    |              |
| Miscellaneous.....    | 73,654     |              |
|                       |            | \$ 2,459,526 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 500,537 |         |
| Berthage.....            | 326,201 |         |
| Wharf Space Rentals..... | 38,565  |         |
| Miscellaneous.....       | 41,219  |         |
|                          |         | 906,522 |

## Grain Elevator System—

|              |  |         |
|--------------|--|---------|
| Rentals..... |  | 447,512 |
|--------------|--|---------|

## Cold Storage System—

|                    |        |        |
|--------------------|--------|--------|
| Storage.....       | 4,572  |        |
| Miscellaneous..... | 37,287 |        |
|                    |        | 41,859 |

## Permanent Sheds—

|                    |        |         |
|--------------------|--------|---------|
| Shed Rentals.....  | 64,293 |         |
| Storage.....       | 76,510 |         |
| Miscellaneous..... | 5,299  |         |
|                    |        | 146,102 |

|                             |        |              |
|-----------------------------|--------|--------------|
| Miscellaneous Services..... | 99,889 |              |
|                             |        | \$ 4,101,410 |

## DEDUCT OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$1,150,803 for handling)..... | 1,333,271 |           |
| Wharves and Piers.....                            | 192,715   |           |
| Grain Elevator System.....                        | 103,833   |           |
| Cold Storage System.....                          | 36,978    |           |
| Permanent Sheds.....                              | 277,198   |           |
| Miscellaneous Services.....                       | 83,065    |           |
|   |           | 2,027,060 |

## Administrative—

|   |         |         |
|---|---------|---------|
| Salaries.....   | 101,150 |         |
| Contributions to Public Service Superannuation Account... | 34,711  |         |
| Office Expenses.....                                      | 8,497   |         |
| Other.....  | 88,867  |         |
|   |         | 233,225 |

2,260,285

NET OPERATING INCOME..... 1,841,125

## ADD OTHER INCOME—

|  |         |           |
|--|---------|-----------|
| Income from Investments (less \$11,779 applicable to Reserve Funds)..... | 298,701 |           |
| Miscellaneous.....   | 386     |           |
|  |         | 299,087   |
|  |         | 2,140,212 |

## DEDUCT SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 611,007 |         |
| Provision for Replacement of Capital Assets.....  | 314,628 |         |
|   |         | 925,635 |

NET INCOME..... \$ 1,214,577

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1957

#### INCOME—

|  |    |           |                |
|--|----|-----------|----------------|
| Assessments.....   | \$ | 301,853   |                |
| Income from Workmen's Compensation Fund Investments (less \$37,112 applicable to Reserve)..... |    | —         |                |
|  |    | <u>\$</u> | <u>301,853</u> |

#### EXPENSE—

|   |         |                |
|---|---------|----------------|
| Salaries of Board Members and Executive Officers.....       | 92,177  |                |
| Other Salaries.....   | 123,539 |                |
| Contributions to Public Service Superannuation Account..... | 15,469  |                |
| Office Expenses.....  | 22,557  |                |
| Travelling Expenses.....                                    | 10,626  |                |
| Advertising.....  | 3,992   |                |
| Treasury Office—Salaries and Expenses.....                  | 33,493  |                |
|   | <u></u> | <u>301,853</u> |

## Head Office, Ottawa

## BALANCE SHEET AS AT DECEMBER 31, 1957

| ASSETS   |           | LIABILITIES   |                     |
|--|-----------|---|---------------------|
| CURRENT—   | CURRENT—  | Accounts Payable and Accrued Liabilities—General.....\$ | 1,500               |
| Cash.....  | \$ 3,911  |   |                     |
|  |           | PROPRIETARY EQUITY OF THE GOVERNMENT                    |                     |
|  |           | OF CANADA—  |                     |
|  |           | Reserves—   |                     |
| RESERVE FUND ASSETS—   |           | Replacement of Capital Assets.....\$                    | 9,711               |
| (Cash, \$41,854; bonds, at amortized cost, \$1,138,501, market |           | Workmen's Compensation.....                             | 1,156,355           |
| value, \$1,097,349, less accounts payable, \$24,000)           |           |   | <u>1,166,066</u>    |
| Workmen's Compensation .....                                   | 1,156,355 |   |                     |
|  |           | Add: Surplus—   |                     |
|  |           | Balance as at Jan. 1, 1957.....\$                       | 11,734              |
|  |           | Add:  |                     |
|  |           | Prior Years' Adjustments.....                           | <u>388</u>          |
|  |           |   | 12,122              |
|  |           |   | <u>1,178,188</u>    |
| CAPITAL ASSETS—  |           |   |                     |
| (At cost)  |           |   |                     |
| Office Furniture and Appliances.....                           | 19,422    |   |                     |
|  |           |   | <u>\$ 1,179,688</u> |











41 T 66  
-A56



# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year

## 1958

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1959







ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year  
1958

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1959

Price 25 cents. Cat. No. TH 1-58  
Available from the Queen's Printer  
Ottawa, Canada

## NATIONAL HARBOURS BOARD

### Members of Board

|                        |                |
|------------------------|----------------|
| M. Archer, P. Eng..... | Chairman.      |
| R. J. Rankin.....      | Vice-Chairman. |
| E. J. Alton.....       | Member.        |
| C. H. Malcolm.....     | Member.        |

### Head Office Officials

|                             |                      |
|-----------------------------|----------------------|
| W. C. Perron.....           | Executive Director.  |
| T. M. Bryson, M.B.E.....    | Secretary.           |
| Roger St. Jean.....         | Assistant Secretary. |
| L. R. Stratton, P. Eng..... | Chief Engineer.      |
| J. F. Finlay.....           | Legal Adviser.       |
| N. W. Bowen.....            | Traffic Officer.     |

### Port Officials

|                    |                              |                 |
|--------------------|------------------------------|-----------------|
| Halifax.....       | J. R. Mitchell.....          | Port Manager.   |
| Saint John.....    | D. M. Vye, P. Eng.....       | Port Manager.   |
| Chicoutimi.....    | Albert Maltais.....          | Port Manager.   |
| Quebec.....        | Louis Beaudry, P. Eng.....   | Port Manager.   |
| Three Rivers.....  | L. St. Pierre.....           | Port Manager.   |
| Montreal.....      | Guy Beaudet, P. Eng.....     | Port Manager.   |
| Prescott.....      | Neil McKay.....              | Superintendent. |
| Port Colborne..... | F. W. Moore.....             | Superintendent. |
| Churchill.....     | H. M. Wilson.....            | Port Manager.   |
| Vancouver.....     | B. D. L. Johnson, O.B.E..... | Port Manager.   |



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 63   |
| Jacques Cartier Bridge.....          | 78   |
| Prescott Elevator.....               | 81   |
| Port Colborne Elevator.....          | 84   |
| Harbour of Churchill.....            | 87   |
| Harbour of Vancouver.....            | 92   |
| Head Office, Ottawa.....             | 105  |

## NATIONAL HARBOURS BOARD

OTTAWA, March 30, 1959

To the Honourable GEORGE HEES, M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-third annual report of the National Harbours Board, covering the operations for the calendar year 1958, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

### SHIPPING

Vessel arrivals in 1958 numbered 48,242, the aggregate net registered tonnage being 47,894,649. The comparable figures for 1957 were 49,421 vessels, aggregating 49,648,800 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 48,242                  | 47,894,649                   |
| 1957.....          | 49,421                  | 49,648,800                   |
| 1956.....          | 51,583                  | 50,355,977                   |
| 1955.....          | 50,081                  | 46,693,486                   |
| 1954.....          | 50,891                  | 45,493,111                   |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 47,810                  | 47,873,323                   |
| 1957.....          | 49,031                  | 49,626,254                   |
| 1956.....          | 51,332                  | 50,222,995                   |
| 1955.....          | 49,585                  | 46,618,688                   |
| 1954.....          | 50,287                  | 45,524,099                   |

(Exclusive of Naval Vessels)

### CARGO TONNAGE

Aggregate cargo tonnage in 1958 was 47,083,689 as compared with 46,676,164 in 1957, the increase being 407,525 tons or 1%.

Grain traffic showed an increase from the previous year, rising from 10,456,471 tons to 13,217,637, an increase of 2,761,166 tons or approximately 26%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in bituminous coal, gypsum, lumber, logs, sand and gravel,

motor vehicles and parts, wheat flour and raw sugar. Decreases were shown in fuel oil, crude petroleum, gasoline, pulpwood, newsprint, asbestos, wood-pulp and cement.

Foreign inward traffic increased 7,877 tons, and foreign outward traffic decreased 413,421 tons, or 2.5%, compared with 1957. Domestic traffic inward increased 1,033,224 tons, or 8%, and domestic traffic outward decreased 220,155 tons, or 3%, compared with 1957.

The following statement summarizes the volume of water-borne cargo tonnage in 1958 and the four previous years:

### CARGO TONNAGE—SUMMARY

Basis Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
| <i>Foreign—</i>  |            |            |            |
| 1958.....        | 10,498,256 | 15,551,446 | 26,049,702 |
| 1957.....        | 10,490,379 | 15,964,867 | 26,455,246 |
| 1956.....        | 11,129,214 | 17,215,779 | 28,344,993 |
| 1955.....        | 9,109,439  | 12,667,521 | 21,776,960 |
| 1954.....        | 9,602,314  | 11,453,275 | 21,055,589 |
| <i>Domestic—</i> |            |            |            |
| 1958.....        | 13,725,728 | 7,308,259  | 21,033,987 |
| 1957.....        | 12,692,504 | 7,528,414  | 20,220,918 |
| 1956.....        | 14,101,033 | 8,023,506  | 22,124,539 |
| 1955.....        | 13,613,873 | 7,023,989  | 20,637,862 |
| 1954.....        | 13,426,140 | 6,409,124  | 19,835,264 |
| <i>Total—</i>    |            |            |            |
| 1958.....        | 24,223,984 | 22,859,705 | 47,083,689 |
| 1957.....        | 23,182,883 | 23,493,281 | 46,676,164 |
| 1956.....        | 25,230,247 | 25,239,285 | 50,469,532 |
| 1955.....        | 22,723,312 | 19,691,510 | 42,414,822 |
| 1954.....        | 23,028,454 | 17,862,399 | 40,890,853 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### INCOME AND EXPENSES

Operating income in 1958 amounted to \$24,075,931 as compared with \$23,303,811 in the previous year, an increase of \$772,120.

Expenses of administration, operation and maintenance in 1958 were \$14,786,764, as against \$14,270,611 in the previous year, an increase of \$516,153.

Salaries and wages amounted to \$10,145,000, as compared with \$8,986,000 in 1957. Retirement benefits for employees cost \$345,000 by way of contribution to the Public Service Superannuation Account.

Grants to municipalities for services rendered to Board properties for 1958 amounted to \$416,500, paid under arrangements effective for the five-year period ending in 1959.

Maintenance expenses in 1958 were \$3,589,377, as compared with \$3,596,618 in the previous year.

Net operating income was \$9,289,167 as against \$9,033,200 in 1957, an increase of \$255,967.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1958 resulted in net income of \$1,072,208, as compared with \$1,325,102 in 1957, a decrease of \$252,894.

The following is a comparative consolidated income statement for each of the years 1954 to 1958 inclusive:

## COMPARATIVE CONSOLIDATED INCOME STATEMENT

|   | 1958       | 1957       | 1956       | 1955       | 1954       |
|---|------------|------------|------------|------------|------------|
|   | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....                             | 24,075,931 | 23,303,811 | 24,057,779 | 21,183,718 | 20,258,671 |
| OPERATING AND MAINTENANCE EXPENSES                | 14,786,764 | 14,270,611 | 14,366,362 | 12,060,296 | 11,519,484 |
| Net Operating Income.....                         | 9,289,167  | 9,033,200  | 9,691,417  | 9,123,422  | 8,739,187  |
| MISCELLANEOUS CREDITS (NET).....                  | 2,019,989  | 1,642,147  | 1,469,209  | 1,173,149  | 1,076,593  |
| Total Income.....                                 | 11,309,156 | 10,675,347 | 11,160,626 | 10,296,571 | 9,815,780  |
| INTEREST DUE PUBLIC.....                          |            |            |            |            | 58         |
|   | 11,309,156 | 10,675,347 | 11,160,626 | 10,296,571 | 9,815,722  |
| OTHER INCOME REQUIREMENTS                         |            |            |            |            |            |
| Provision for—<br>Replacement of Capital Assets.. | 3,266,577  | 3,107,787  | 3,047,745  | 2,596,083  | 2,510,859  |
| Interest due Government.....                      | 6,970,371  | 6,242,458  | 5,808,544  | 5,678,625  | 5,512,750  |
|   | 10,236,948 | 9,350,245  | 8,856,289  | 8,274,708  | 8,023,609  |
| Net Income.....                                   | 1,072,208  | 1,325,102  | 2,304,337  | 2,021,863  | 1,792,113  |

The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                 |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|-----------------|------|---------------------|-----------------------|----------------------------|
|                 |      | \$                  | \$                    | \$                         |
| Halifax.....    | 1954 | 1,665,862           | 1,208,840             | 457,022                    |
|                 | 1955 | 1,988,469           | 1,363,173             | 625,296                    |
|                 | 1956 | 1,909,248           | 1,434,250             | 474,998                    |
|                 | 1957 | 1,947,120           | 1,432,788             | 514,332                    |
|                 | 1958 | 1,859,423           | 1,555,546             | 303,877                    |
| Saint John..... | 1954 | 755,026             | 743,135               | 11,891                     |
|                 | 1955 | 875,819             | 845,450               | 30,369                     |
|                 | 1956 | 965,767             | 910,423               | 55,344                     |
|                 | 1957 | 947,312             | 880,078               | 67,234                     |
|                 | 1958 | 794,814             | 908,112               | 113,298*                   |

\* Deficit

70264-7--2



|  |      | Operating<br>Income | Operating<br>Expenses | Net<br>Operating<br>Income |
|--|------|---------------------|-----------------------|----------------------------|
|  |      | \$                  | \$                    | \$                         |
| Chicoutimi.....                        | 1954 | 101,304             | 29,523                | 71,781                     |
|  | 1955 | 105,651             | 33,150                | 72,501                     |
|  | 1956 | 110,108             | 27,944                | 82,164                     |
|  | 1957 | 110,534             | 32,022                | 78,512                     |
|  | 1958 | 110,486             | 39,499                | 70,987                     |
| Quebec.....                            | 1954 | 1,771,347           | 1,376,327             | 395,020                    |
|  | 1955 | 1,908,450           | 1,368,339             | 540,111                    |
|  | 1956 | 2,078,286           | 1,955,500             | 122,786                    |
|  | 1957 | 1,972,806           | 1,929,407             | 43,399                     |
|  | 1958 | 2,047,749           | 1,676,260             | 371,489                    |
| Three Rivers.....                      | 1954 | 344,180             | 52,668                | 291,512                    |
|  | 1955 | 349,418             | 74,556                | 274,862                    |
|  | 1956 | 393,156             | 179,035               | 214,121                    |
|  | 1957 | 406,177             | 69,407                | 336,770                    |
|  | 1958 | 414,098             | 77,117                | 336,981                    |
| Montreal.....                          | 1954 | 8,166,370           | 4,609,110             | 3,557,260                  |
|  | 1955 | 8,308,616           | 4,780,740             | 3,527,876                  |
|  | 1956 | 9,761,604           | 5,365,474             | 4,396,130                  |
|  | 1957 | 8,670,352           | 5,457,114             | 3,213,238                  |
|  | 1958 | 9,319,870           | 6,076,232             | 3,243,638                  |
| Jacques Cartier Bridge (Montreal)..... | 1954 | 1,811,523           | 220,917               | 1,590,606                  |
|  | 1955 | 2,100,393           | 233,000               | 1,867,393                  |
|  | 1956 | 2,154,240           | 278,257               | 1,875,983                  |
|  | 1957 | 2,228,438           | 318,392               | 1,910,046                  |
|  | 1958 | 2,104,794           | 353,679               | 1,751,115                  |
| Prescott.....                          | 1954 | 1,035,271           | 397,744               | 637,527                    |
|  | 1955 | 995,449             | 430,200               | 565,249                    |
|  | 1956 | 1,086,880           | 488,972               | 597,908                    |
|  | 1957 | 1,089,935           | 502,142               | 587,793                    |
|  | 1958 | 1,452,686           | 625,883               | 826,803                    |
| Port Colborne.....                     | 1954 | 799,384             | 493,400               | 305,984                    |
|  | 1955 | 766,666             | 496,958               | 269,708                    |
|  | 1956 | 869,683             | 588,073               | 281,605                    |
|  | 1957 | 732,607             | 470,134               | 262,473                    |
|  | 1958 | 906,324             | 527,868               | 378,456                    |
| Churchill.....                         | 1954 | 732,762             | 623,026               | 109,736                    |
|  | 1955 | 782,726             | 710,606               | 72,120                     |
|  | 1956 | 1,074,722           | 745,554               | 329,168                    |
|  | 1957 | 1,097,120           | 918,842               | 178,278                    |
|  | 1958 | 1,343,964           | 932,342               | 411,622                    |
| Vancouver.....                         | 1954 | 3,075,642           | 1,764,794             | 1,310,848                  |
|  | 1955 | 3,002,061           | 1,824,124             | 1,177,937                  |
|  | 1956 | 3,654,085           | 2,392,875             | 1,261,210                  |
|  | 1957 | 4,101,410           | 2,260,285             | 1,841,125                  |
|  | 1958 | 3,721,723           | 2,014,226             | 1,707,497                  |
| All Units.....                         | 1954 | 20,258,671          | 11,519,484            | 8,739,187                  |
|  | 1955 | 21,183,718          | 12,060,296            | 9,123,422                  |
|  | 1956 | 24,057,779          | 14,366,362            | 9,691,417                  |
|  | 1957 | 23,303,811          | 14,270,611            | 9,033,200                  |
|  | 1958 | 24,075,931          | 14,786,764            | 9,289,167                  |

## CHANGE IN TARIFFS

The only major change in harbour tariffs in 1958 was the reissue of By-law Montreal B-6(a), Tariff of Charges, Montreal Cold Storage Warehouse. This reissue was made to bring charges into line with tariffs published by privately-owned cold storage warehouses. A few minor adjustments in other tariffs were made relating to increases in charges brought about by higher costs.

## CAPITAL EXPENDITURES

Expenditures on capital account in 1958 totalled \$29,869,094. Of this amount, \$25,600,432 has been or will be financed by advances from the Government, bearing interest at the rate prevailing at the date of such advances; \$1,064,316 was provided from replacement funds; and \$3,204,346 from revenue.

The distribution of capital expenditures, by places, is as follows:

*From Borrowings—*

|                   |            |               |
|-------------------|------------|---------------|
| Halifax.....      | \$ 627,626 |               |
| Saint John.....   | 112,673    |               |
| Chicoutimi.....   | 8,130      |               |
| Quebec.....       | 3,531,909  |               |
| Three Rivers..... | 1,009,424  |               |
| Montreal.....     | 16,948,220 |               |
| Churchill.....    | 24,571     |               |
| Vancouver.....    | 3,337,879  |               |
|                   | <hr/>      | \$ 25,600,432 |

*From Replacement Funds—*

|                   |           |           |
|-------------------|-----------|-----------|
| Halifax.....      | 16,456    |           |
| Saint John.....   | 3,040     |           |
| Three Rivers..... | 1,201     |           |
| Montreal.....     | 18,967    |           |
| Churchill.....    | 10,340    |           |
| Vancouver.....    | 1,014,312 |           |
|                   | <hr/>     | 1,064,316 |

*From Revenues—*

|                             |           |               |
|-----------------------------|-----------|---------------|
| Quebec.....                 | 300,000   |               |
| Three Rivers.....           | 225,143   |               |
| Jacques Cartier Bridge..... | 821,207   |               |
| Churchill.....              | 18,954    |               |
| Vancouver.....              | 1,839,042 |               |
|                             | <hr/>     | 3,204,346     |
|                             |           | <hr/>         |
|                             |           | \$ 29,869,094 |
|                             |           | <hr/>         |

The figure of \$11,578,032 to be borrowed for capital expenditures at Montreal Harbour, as recorded in the 1957 Annual Report, was reduced in 1958 by \$262,533 as follows:

|                                     |           |
|-------------------------------------|-----------|
| Refunds of expenditure.....         | \$208,273 |
| Reductions in Accounts Payable..... | 54,260    |
|                                     | <hr/>     |
|                                     | \$262,533 |
|                                     | <hr/>     |

Major construction projects completed or in progress during 1958 included new or improved wharves at Halifax, Quebec, Three Rivers, Montreal and Vancouver; new transit sheds at Halifax, Quebec, Three Rivers and Montreal, and extensions to transit sheds at Saint John; additions and/or improvements to grain elevators, loading and unloading facilities, and equipment at Halifax, Saint John, Quebec, Montreal and Vancouver; expansion of the electrical system at Halifax, Quebec, Montreal and Vancouver; new quick-freezing equipment in the cold storage warehouse at Montreal; installation of a cargo crane at Vancouver; dredging at Montreal; widening the roadway and improvements to the approaches, Jacques Cartier Bridge; construction of piers and placing of fill for Champlain Bridge. Uncompleted work at the end of the year on major contracts amounted to upwards of \$11,000,000.

The book value of capital assets as at December 31, 1958, was \$309,184,832.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1958, and also the amounts paid to the Treasury from Board funds:

### *Amounts Required from Government—*

|                           |               |
|---------------------------|---------------|
| Capital expenditures..... | \$ 25,600,432 |
|---------------------------|---------------|

### *Amounts Paid to Government—*

|                            |                     |
|----------------------------|---------------------|
| Interest on Advances.....  | 3,187,444           |
| Repayment of Advances..... | 757,138             |
|                            | <u>\$ 3,944,582</u> |

## RESERVE FUNDS

As at December 31, 1958, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$57,951,811, the increase in the year being \$4,164,273.

The reserves consist of cash on deposit with the Receiver General, \$883,768, and investments in authorized securities, book value \$57,068,043, market value \$52,172,490. In addition miscellaneous funds were held in the amount of \$93,166, represented by cash on deposit with the Receiver General, \$8,468, and authorized investments, book value \$84,698, market value \$78,679.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$3,103,346 book value, market value \$3,081,597.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1958, and the

related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

Respectfully submitted,

M. ARCHER,

*Chairman.*

R. J. RANKIN,

*Vice-Chairman.*

E. J. ALTON,

C. H. MALCOLM,

*Members.*

T. M. BRYSON,

*Secretary.*



## NATIONAL HARBOURS BOARD

(Established by the National Harbours Board Act)

## BALANCE SHEET AS AT DECEMBER 31, 1958

(with comparative figures as at December 31, 1957)

|  |              | ASSETS       |              | LIABILITIES |              |
|--|--------------|--------------|--------------|-------------|--------------|
|  |              | 1958         | 1957         | 1958        | 1957         |
| CURRENT—   |              |              |              |             |              |
| Cash.....  | \$ 4,394,636 |              | \$ 4,571,317 |             | \$ 1,007,713 |
| Accounts Receivable.....   | 1,998,849    |              | 2,166,513    |             | 2,562,260    |
| Inventories of Operating and Maintenance Supplies, at cost.....                      | 1,246,329    |              | 1,238,740    |             | 1,895,643    |
| Accrued Income.....  | 627,711      |              | 758,738      |             | 368,190      |
| Prepaid Expenses.....  | 19,521       |              | 20,598       |             | 348,816      |
|  |              | \$ 8,287,046 | 8,754,906    |             | 2,106,144    |
| INVESTMENTS IN BONDS AT AMORTIZED Cost (market value, \$3,081,507).....              |              | 3,103,346    | 3,067,419    |             | 7,951,256    |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....  |              | 2,117,450    | 2,106,144    |             |              |
| RESERVE FUNDS—   |              |              |              |             |              |
| (Cash, \$883,768; bonds, at amortized cost, \$57,068,043).....                       |              | 57,951,811   | 53,787,538   |             | 56,153,740   |
|  |              |              |              |             | 224,112,581  |
|  |              |              |              |             | 45,493,986   |
| DUE FROM THE PROVINCE OF QUEBEC—   |              |              |              |             |              |
| Under Agreement to Share Jacques Cartier Bridge Deficits.....                        |              | 744,425      | 744,425      |             | 77,490,459   |
| DEFERRED CHARGE—   |              |              |              |             |              |
| Unamortized balance of bond discount and redemption expense (Jacques Cartier Bridge) |              | 664,449      | 725,782      |             | 3,058,209    |
| DEBIT BALANCES IN SUSPENSE.....  |              | 304,884      | 146,824      |             | 1,156,355    |
| PRELIMINARY CAPITAL EXPENDITURES.....  |              | 72,421       | 67,939       |             | 608,829      |
|  |              |              |              | 85,536,015  |              |
|  |              |              |              | 440,223,176 |              |
|  |              |              |              |             | 408,079,159  |

## CAPITAL ASSETS—

(at cost or estimated cost)

|   |             |
|---|-------------|
| Harbour Dredging.....                                   | 16,487,601  |
| Land and Land Improvements.....                         | 15,945,396  |
| Wharves and Piers.....                                  | 108,492,733 |
| Permanent Sheds.....                                    | 31,382,082  |
| Railway Systems.....                                    | 6,537,118   |
| Grain Elevator Systems.....                             | 49,912,117  |
| Cold Storage Systems.....                               | 6,302,012   |
| Harbour Buildings, Service Plants<br>and Equipment..... | 7,975,785   |
| Floating and Shore Equipment.....                       | 3,254,506   |
| Jacques Cartier Bridge.....                             | 20,907,371  |
| Works under Construction.....                           | 37,489,541  |
| Sundry Expenditure—                                     |             |
| Undistributed.....                                      | 4,448,570   |

309,184,832

|                      |
|----------------------|
| \$349,811,892        |
| <u>\$382,430,664</u> |

Certified Correct:

T. M. BRYSON  
*Secretary*

Approved:

M. ARCHER  
*Chairman*

## Deduct: Deficit—

|   |            |
|---|------------|
| Balance at Beginning of Year..          | 66,477,026 |
| Add: Prior Years' Adjust-<br>ments..... | 338,950    |

67,680,751

121,377

66,815,976

67,802,128

|   |           |
|---|-----------|
| Less: Net Income for the year,<br>per statement of Income<br>and Expense..... | 1,072,208 |
|---|-----------|

1,325,102

|                             |            |
|-----------------------------|------------|
| Balance at End of Year..... | 65,743,768 |
|-----------------------------|------------|

66,477,026

374,479,408

341,602,133

|                      |
|----------------------|
| \$382,430,664        |
| <u>\$349,811,892</u> |

Certified in accordance with my report dated March 25, 1959 to the Minister  
of Transport, under Section 87 of the Financial Administration Act.

WATSON SELLAR,  
*Auditor General of Canada.*

## NATIONAL HARBOURS BOARD

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958  
(with comparative figures for the year ended December 31, 1957)

|                             | 1958                | 1957                |
|-----------------------------|---------------------|---------------------|
| OPERATING INCOME—           |                     |                     |
| Harbours—                   |                     |                     |
| Harbour Dues.....           | \$ 393,741          | \$ 397,161          |
| Cargo Rates.....            | 446,453             | 598,503             |
| Handling.....               | 1,017,066           | 1,269,396           |
| Property Rentals.....       | 555,573             | 488,910             |
| Miscellaneous.....          | 173,296             | 90,101              |
|                             | <u>\$ 2,586,129</u> | <u>2,844,071</u>    |
| Wharves and Piers—          |                     |                     |
| Top Wharfage.....           | 4,514,721           | 4,704,840           |
| Dockage and Berthage.....   | 1,329,508           | 1,311,011           |
| Wharf Space Rentals.....    | 676,165             | 607,575             |
| Miscellaneous.....          | 80,114              | 96,383              |
|                             | <u>6,600,508</u>    | <u>6,719,809</u>    |
| Grain Elevator Systems—     |                     |                     |
| Elevation.....              | 4,633,428           | 3,227,414           |
| Storage.....                | 2,452,378           | 2,701,733           |
| Rentals.....                | 610,004             | 530,586             |
| Miscellaneous.....          | 698,522             | 412,410             |
|                             | <u>8,394,332</u>    | <u>6,872,143</u>    |
| Cold Storage Systems—       |                     |                     |
| Storage.....                | 704,677             | 687,152             |
| Miscellaneous.....          | 297,454             | 273,587             |
|                             | <u>1,002,131</u>    | <u>960,739</u>      |
| Permanent Sheds—            |                     |                     |
| Shed Rentals.....           | 911,382             | 897,371             |
| Storage.....                | 211,329             | 257,356             |
| Miscellaneous.....          | 171,107             | 134,817             |
|                             | <u>1,293,818</u>    | <u>1,289,544</u>    |
| Jacques Cartier Bridge..... | 2,104,794           | 2,228,438           |
| Railway Systems.....        | 874,008             | 1,038,558           |
| Miscellaneous Services..... | 1,220,211           | 1,350,509           |
|                             | <u>\$24,075,931</u> | <u>\$23,303,811</u> |

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958  
(with comparative figures for the year ended December 31, 1957)

|   |                      | 1958         | 1957         |
|---|----------------------|--------------|--------------|
| OPERATING INCOME—   | (from previous page) | \$24,075,931 | \$23,303,811 |
| OPERATING EXPENSES—   |                      |              |              |
| Operation and Maintenance—  |                      |              |              |
| Harbours (including dredging \$463,876; handling, \$926,262).....   | \$ 2,832,995         |              | 3,258,968    |
| Wharves and Piers.....  | 684,684              |              | 583,861      |
| Grain Elevator Systems.....   | 4,728,164            |              | 3,883,242    |
| Cold Storage Systems.....   | 1,019,874            |              | 962,115      |
| Permanent Sheds.....  | 1,073,135            |              | 1,124,437    |
| Jacques Cartier Bridge.....   | 308,202              |              | 277,082      |
| Railway Systems.....  | 1,114,527            |              | 1,211,706    |
| Miscellaneous Services.....   | 1,408,570            |              | 1,461,760    |
|   |                      | 13,170,151   | 12,763,171   |
| Administrative—   |                      |              |              |
| Salaries of Board Members and Executive Officers.....   | 98,433               |              | 92,177       |
| Other Salaries.....   | 802,694              |              | 765,919      |
| Contributions to Public Service Superannuation Account.   | 344,624              |              | 345,526      |
| Office Expenses.....  | 72,244               |              | 65,167       |
| Miscellaneous.....  | 298,618              |              | 238,651      |
|   |                      | 1,616,613    | 1,507,440    |
|   |                      | 14,786,764   | 14,270,611   |
| NET OPERATING INCOME.....   |                      | 9,289,167    | 9,033,200    |
| ADD: OTHER INCOME—  |                      |              |              |
| Income from investments (less \$211,444 transferred to Reserves other than that for Replacement of Capital Assets | 2,061,020            |              | 1,655,199    |
| Miscellaneous.....  | 98,273               |              | 91,788       |
|   |                      | 2,159,293    | 1,746,987    |
|   |                      | 11,448,460   | 10,780,187   |
| DEDUCT: SPECIAL CHARGES—  |                      |              |              |
| Provision for interest on Loans and Advances.....   | 6,970,371            |              | 6,242,458    |
| Provision for Replacement of Capital Assets.....  | 3,266,577            |              | 3,107,787    |
| Amortization of Bond Discount and Bond Redemption Expense.....  | 61,334               |              | 61,334       |
| Other.....  | 77,970               |              | 43,506       |
|   |                      | 10,376,252   | 9,455,085    |
| NET INCOME.....   |                      | \$ 1,072,208 | \$ 1,325,102 |



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL'S OFFICE  
OTTAWA, MARCH 25, 1959.

The Honourable George Hees,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1958. In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

WATSON SELLAR  
Auditor General.

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 19,000 linear feet of berthing, which provide 32 deep water berths. There are 20 transit sheds with an aggregate floor area of about 1,290,000 square feet including frost-proof areas. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 90,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with sharp-freezing, storing, and packing equipment, and ample rail connections.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 2,923                   | 6,368,600                    |
| 1957.....          | 2,938                   | 6,650,659                    |
| 1956.....          | 2,887                   | 6,443,407                    |
| 1955.....          | 2,946                   | 6,273,417                    |
| 1954.....          | 2,922                   | 5,682,229                    |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 2,899                   | 6,333,077                    |
| 1957.....          | 2,929                   | 6,635,331                    |
| 1956.....          | 2,885                   | 6,474,538                    |
| 1955.....          | 2,931                   | 6,232,369                    |
| 1954.....          | 2,929                   | 5,720,849                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958              |                        | 1957              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,505             | 6,173,184              | 1,571             | 6,476,540              |
| Coastal or inland commercial (including fishery)..... | 1,381             | 160,699                | 1,339             | 146,540                |
| Other.....  | 37                | 34,717                 | 28                | 27,579                 |
| Total.....  | 2,923             | 6,368,600              | 2,938             | 6,650,659              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,498             | 6,137,842              | 1,566             | 6,462,375              |
| Coastal or inland commercial (including fishery)..... | 1,368             | 163,937                | 1,337             | 147,136                |
| Other.....  | 33                | 31,298                 | 26                | 25,820                 |
| Total.....  | 2,899             | 6,333,077              | 2,929             | 6,635,331              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1958.....        | 3,279,928 | 2,097,655 | 5,377,583 |
| 1957.....        | 3,262,546 | 2,111,085 | 5,373,631 |
| 1956.....        | 2,901,904 | 2,281,097 | 5,183,001 |
| 1955.....        | 2,340,236 | 1,732,163 | 4,072,399 |
| 1954.....        | 2,048,550 | 664,666   | 2,713,216 |
| <i>Domestic—</i> |           |           |           |
| 1958.....        | 124,594   | 1,461,920 | 1,586,514 |
| 1957.....        | 136,713   | 1,473,968 | 1,610,681 |
| 1956.....        | 232,612   | 1,435,283 | 1,667,895 |
| 1955.....        | 395,763   | 1,150,907 | 1,546,670 |
| 1954.....        | 306,795   | 949,086   | 1,255,881 |
| <i>Total—</i>    |           |           |           |
| 1958.....        | 3,404,522 | 3,559,575 | 6,964,097 |
| 1957.....        | 3,399,259 | 3,585,053 | 6,984,312 |
| 1956.....        | 3,134,516 | 3,716,380 | 6,850,896 |
| 1955.....        | 2,735,999 | 2,883,070 | 5,619,069 |
| 1954.....        | 2,355,345 | 1,613,752 | 3,969,097 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, crude | Gypsum,<br>crude | Petroleum<br>Oil, fuel | Gasoline | Grain   | Motor<br>Vehicles<br>and parts | Fish<br>(including<br>Shell-fish),<br>dried,<br>pickled,<br>salted<br>or smoked | Flour,<br>wheat | Potatoes | Rubber,<br>crude<br>(including<br>Latex) | Vegetable<br>Oils |
|------------------|-------------------------|------------------|------------------------|----------|---------|--------------------------------|---|-----------------|----------|--|-------------------|
| <i>Foreign—</i>  |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| Inward—          |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        | 2,429,334               |                  | 343,039                | 105,222  | 6,148   | 89,265                         | 1,684   |                 |          | 32,540                                   | 34,778            |
| 1957.....        | 2,370,640               |                  | 369,127                | 110,952  |         | 71,803                         | 1,529   |                 | 5        | 39,440                                   | 22,714            |
| Outward—         |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        |                         | 1,301,796        | 2,870                  | 582      | 406,660 | 2,523                          | 57,615  | 68,299          | 36,453   | 3,618                                    |                   |
| 1957.....        |                         | 1,250,031        | 33,907                 | 21,766   | 333,865 | 8,788                          | 59,221  | 84,042          | 36,555   | 4,024                                    | 737               |
| <i>Domestic—</i> |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| Inward—          |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        |                         |                  |                        | 43,896   |         | 496                            | 21,179  |                 |          |  |                   |
| 1957.....        |                         |                  |                        | 49,317   |         | 424                            | 24,062  | 46              | 66       |  |                   |
| Outward—         |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        |                         | 86,655           | 965,076                | 325,591  |         | 1,641                          | 102   | 3,114           | 2,285    |  |                   |
| 1957.....        |                         | 140,537          | 926,724                | 279,156  | 1,480   | 6,965                          | 1,411   | 3,990           | 3,796    |  | 277               |
| <i>Totals—</i>   |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| Inward—          |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        | 2,429,334               |                  | 343,039                | 149,118  | 6,148   | 89,761                         | 22,893  |                 |          | 32,540                                   | 34,778            |
| 1957.....        | 2,370,640               |                  | 369,589                | 160,269  |         | 72,227                         | 25,591  |                 | 71       | 39,440                                   | 22,714            |
| Outward—         |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        |                         | 1,388,451        | 967,946                | 326,173  | 406,660 | 4,164                          | 57,717  | 71,413          | 38,738   | 3,618                                    |                   |
| 1957.....        |                         | 1,390,568        | 960,631                | 300,922  | 335,345 | 15,753                         | 60,632  | 88,032          | 40,331   | 4,024                                    | 1,014             |
| Total—           |                         |                  |                        |          |         |                                |   |                 |          |  |                   |
| 1958.....        | 2,429,334               | 1,388,451        | 1,310,985              | 475,291  | 412,808 | 93,925                         | 80,580  | 71,413          | 38,738   | 36,158                                   | 34,778            |
| 1957.....        | 2,370,640               | 1,390,568        | 1,330,220              | 401,191  | 335,345 | 87,980                         | 86,223  | 88,177          | 40,422   | 43,464                                   | 23,728            |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fish<br>(including<br>Shell-fish),<br>fresh or<br>frozen | Copper<br>Concen-<br>trate, and<br>Matte and<br>Ore | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Cement,<br>common<br>or<br>portland | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets or<br>slabs | Apples | Fertilizers<br>and<br>Fertilizer<br>Materials | Paper,<br>newsprint | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Tea    |
|------------------|--|---|---|--|-------------------------------------|--|--------|---|---------------------|---|--------|
| <i>Foreign—</i>  |  |   |   |  |                                     |  |        |   |                     |   |        |
| Inward—          |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 29   |   | 138   | 23,372   | 317                                 | 361  |        | 13,773  | 1                   | 461   | 10,515 |
| 1957.....        |  |   | 127   | 10,430   | 2,474                               | 248  |        | 6,666   |                     | 6   | 10,054 |
| Outward—         |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 58   | 24,906  | 14,011  | 240  | 173                                 | 17,501   | 15,700 | 127   | 14,353              | 9,732   | 27     |
| 1957.....        | 191  | 18,389  | 24,717  | 501  | 14                                  | 35,806   | 8,910  | 483   | 23,552              | 10,853  | 11     |
| <i>Domestic—</i> |  |   |   |  |                                     |  |        |   |                     |   |        |
| Inward—          |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 33,649   |   | 3   | 1  | 21,007                              |  | 1      |   |                     |   | 4      |
| 1957.....        | 32,903   |   | 6   | 21   | 23,081                              |  |        |   |                     | 67  |        |
| Outward—         |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        |  |   | 10,113  | 559  | 565                                 |  | 537    | 1,128   |                     | 974   | 200    |
| 1957.....        |  |   | 11,284  | 280  | 593                                 | 1  | 757    | 1,665   |                     | 1,051   | 231    |
| <i>Totals—</i>   |  |   |   |  |                                     |  |        |   |                     |   |        |
| Inward—          |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 33,649   |   | 141   | 23,373   | 21,324                              | 361  | 1      | 13,773  | 1                   | 461   | 10,515 |
| 1957.....        | 32,932   |   | 133   | 10,451   | 25,555                              | 248  |        | 6,944   |                     | 73  | 10,058 |
| Outward—         |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 58   | 24,906  | 24,124  | 799  | 738                                 | 17,501   | 16,237 | 1,255   | 14,353              | 10,706  | 227    |
| 1957.....        | 191  | 18,389  | 36,001  | 751  | 607                                 | 35,807   | 9,667  | 2,148   | 23,552              | 11,904  | 242    |
| Total—           |  |   |   |  |                                     |  |        |   |                     |   |        |
| 1958.....        | 33,707   | 24,906  | 24,265  | 24,172   | 22,062                              | 17,862   | 16,238 | 15,028  | 14,354              | 11,167  | 10,742 |
| 1957.....        | 33,123   | 18,389  | 36,134  | 11,252   | 26,162                              | 36,055   | 9,667  | 9,092   | 23,552              | 11,977  | 10,300 |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Salt   | Manganese<br>Ore | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Vege-<br>tables,<br>fresh,<br>not<br>otherwise<br>specified | Iron or<br>Steel,<br>scrap | Iron or<br>Steel,<br>structural | Glass<br>and<br>Glass<br>Manu-<br>factures | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Coal<br>anthracite |
|------------------|--------|------------------|---|--|---|----------------------------|---------------------------------|--|---|--|--------------------|
| <i>Foreign—</i>  |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| Inward—          |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 9,698  | 10,312           | 7,139   | 5,136  | 5,474   | 1                          | 3,375                           | 7,081                                      | 673   | 4,469  | 6,303              |
| 1957.....        | 16,387 | .....            | 8,556   | 5,981  | 493   | 17                         | 11,997                          | 6,564                                      | 77  | 1,811  | 18,273             |
| Outward—         |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 7      | .....            | 1,123   | 2,750  | 1,665   | 7,448                      | 1,091                           | 10   | 2,952   | 2,334  | 40                 |
| 1957.....        | 40     | .....            | 1,810   | 2,870  | 2,173   | 9,279                      | 2,039                           | 27   | 3,957   | 138  | 52                 |
| <i>Domestic—</i> |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| Inward—          |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | .....  | .....            | 2   | .....  | .....   | 11                         | .....                           | .....                                      | .....   | .....  | .....              |
| 1957.....        | .....  | .....            | 4   | .....  | 42  | .....                      | .....                           | 82   | .....   | .....  | .....              |
| Outward—         |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 897    | .....            | 234   | 590  | 443   | .....                      | 2,927                           | 82   | 3,501   | 318  | 4                  |
| 1957.....        | 963    | .....            | 574   | 1,321  | 1,299   | .....                      | 2,103                           | 362  | 4,489   | 174  | 20                 |
| <i>Totals—</i>   |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| Inward—          |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 9,698  | 10,312           | 7,141   | 5,136  | 5,474   | 12                         | 3,375                           | 7,081                                      | 673   | 4,469  | 6,303              |
| 1957.....        | 16,387 | .....            | 8,560   | 5,981  | 535   | 17                         | 11,997                          | 6,646                                      | 77  | 1,811  | 18,273             |
| Outward—         |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 904    | .....            | 1,357   | 3,340  | 2,108   | 7,448                      | 4,018                           | 92   | 6,453   | 2,652  | 44                 |
| 1957.....        | 1,003  | .....            | 2,384   | 4,191  | 3,472   | 9,279                      | 4,142                           | 389  | 8,446   | 312  | 72                 |
| Total—           |        |                  |   |  |   |                            |                                 |  |   |  |                    |
| 1958.....        | 10,602 | 10,312           | 8,498   | 8,476  | 7,582   | 7,460                      | 7,393                           | 7,173                                      | 7,126   | 7,121  | 6,347              |
| 1957.....        | 17,390 | .....            | 10,944  | 10,172   | 4,007   | 9,296                      | 16,139                          | 7,035                                      | 8,523   | 2,123  | 18,345             |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Beverages,<br>alcoholic | Fruits<br>fresh,<br>not<br>otherwise<br>specified | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars,<br>and Ties<br>(railway) | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Fruits,<br>dried | Oil Cake<br>and<br>Oil-cake<br>Meal | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Copper,<br>refined<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or<br>slabs | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------------------------|---|--|---|--|------------------|-------------------------------------|--|--|---|-----------|
| <i>Foreign—</i>  |                         |   |  |   |  |                  |                                     |  |  |   |           |
| Inward—          |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 4,490                   | 5,365   | 853  | 11  | 410  | 5,113            | 1                                   | 468  | 7  | 112,601                                       | 3,279,928 |
| 1957.....        | 4,125                   | 690   | .....  | 144   | 296  | 3,263            | 1,942                               | 18   | .....  | 165,569                                       | 3,262,546 |
| Outward—         |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 892                     | 150   | 3,950  | 3,562   | 5,123  | 162              | 5,423                               | 4,953  | 5,384  | 71,392  | 2,097,655 |
| 1957.....        | 1,247                   | 1,588   | 5,967  | 1,547   | 3,740  | 192              | 23,657                              | 8,247  | 5,502  | 80,650  | 2,111,985 |
| <i>Domestic—</i> |                         |   |  |   |  |                  |                                     |  |  |   |           |
| Inward—          |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 120                     | 31  | .....  | .....   | .....  | .....            | .....                               | .....  | .....  | 4,198   | 124,594   |
| 1957.....        | 30                      | 4   | .....  | .....   | 14   | .....            | .....                               | .....  | .....  | 5,800   | 136,713   |
| Outward—         |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 489                     | 167   | 836  | 2,014   | .....  | 185              | 12                                  | .....  | 22   | 50,659  | 1,461,920 |
| 1957.....        | 1,656                   | 274   | 2,273  | 2,142   | 213  | 120              | 95                                  | 20   | .....  | 75,672  | 1,473,968 |
| <i>Totals—</i>   |                         |   |  |   |  |                  |                                     |  |  |   |           |
| Inward—          |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 4,610                   | 5,396   | 853  | 11  | 410  | 5,113            | 1                                   | 468  | 7  | 116,799                                       | 3,404,522 |
| 1957.....        | 4,155                   | 694   | .....  | 144   | 310  | 3,263            | 1,942                               | 18   | .....  | 171,369                                       | 3,399,259 |
| Outward—         |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 1,381                   | 317   | 4,786  | 5,576   | 5,123  | 347              | 5,435                               | 4,953  | 5,406  | 122,051                                       | 3,559,575 |
| 1957.....        | 2,903                   | 1,862   | 8,240  | 3,689   | 3,953  | 312              | 23,752                              | 8,267  | 5,502  | 156,322                                       | 3,585,053 |
| <i>Total—</i>    |                         |   |  |   |  |                  |                                     |  |  |   |           |
| 1958.....        | 5,991                   | 5,713   | 5,639  | 5,587   | 5,533  | 5,460            | 5,436                               | 5,421  | 5,413  | 238,850                                       | 6,964,097 |
| 1957.....        | 7,058                   | 2,556   | 8,240  | 3,833   | 4,263  | 3,575            | 25,694                              | 8,285  | 5,502  | 327,691                                       | 6,984,312 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1958.....         | 36,523 | 5,166    | 41,689 |
| 1957.....         | 64,314 | 8,747    | 73,061 |
| 1956.....         | 48,932 | 7,200    | 56,132 |
| 1955.....         | 38,281 | 8,024    | 46,305 |
| 1954.....         | 50,914 | 9,126    | 60,040 |
| <i>Coastwise—</i> |        |          |        |
| 1958.....         | 451    | 305      | 756    |
| 1957.....         | 326    | 240      | 566    |
| 1956.....         | 355    | 322      | 677    |
| 1955.....         | 308    | 578      | 886    |
| 1954.....         | 218    | 417      | 635    |
| <i>Total—</i>     |        |          |        |
| 1958.....         | 36,974 | 5,471    | 42,445 |
| 1957.....         | 64,640 | 8,987    | 73,627 |
| 1956.....         | 49,287 | 7,522    | 56,809 |
| 1955.....         | 38,589 | 8,602    | 47,191 |
| 1954.....         | 51,132 | 9,543    | 60,675 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1958, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1958.....         | 219,576    | 13,410,698 | 13,630,274 |
| 1957.....         |            | 11,095,089 | 11,095,089 |
| 1956.....         | 137,385    | 19,995,178 | 20,132,563 |
| 1955.....         |            | 14,986,034 | 14,986,034 |
| 1954.....         |            | 4,270,924  | 4,270,924  |
| <i>Via rail—</i>  |            |            |            |
| 1958.....         | 13,192,072 | 100,000    | 13,292,072 |
| 1957.....         | 11,539,325 |            | 11,539,325 |
| 1956.....         | 19,494,365 |            | 19,494,365 |
| 1955.....         | 15,104,849 | 15,317     | 15,120,166 |
| 1954.....         | 5,727,726  |            | 5,727,726  |
| <i>Via other—</i> |            |            |            |
| 1958.....         |            | 12,210     | 12,210     |
| 1957.....         |            | 20,341     | 20,341     |
| 1956.....         |            | 28,816     | 28,816     |
| 1955.....         |            | 28,790     | 28,790     |
| 1954.....         |            | 32,133     | 32,133     |
| <i>Total—</i>     |            |            |            |
| 1958.....         | 13,411,648 | 13,522,908 | 26,934,556 |
| 1957.....         | 11,539,325 | 11,115,430 | 22,654,755 |
| 1956.....         | 19,631,750 | 20,023,994 | 39,655,744 |
| 1955.....         | 15,104,849 | 15,030,141 | 30,134,990 |
| 1954.....         | 5,727,726  | 4,303,057  | 10,030,783 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$340,093. The main items were widening and resurfacing sections of the Marginal Roadway at Ocean Terminals; repairs to structural steel at workhouse No. 1; replacement of two conveyor belts and weatherproofing exterior walls of storage units 1 and 2 grain elevator system, and repairs to two freight elevators at the cold storage plant.

## CAPITAL WORKS

Expenditures on capital account amounted to \$644,082, of which \$16,456 was provided from replacement fund. The principal items were:—

*Construction of Shed 34 on Pier A-1.*—Fundy Construction Co. Limited was awarded a contract in June, 1958, for the construction of a new transit shed at berth 34, pier A-1. This shed is a rigid frame structural steel building, 616 feet long and 102 feet wide; two sections of the shed each 198 feet long are provided with heating facilities. A two-storey office building of brick and concrete block construction located at the east end of the shed provides office space and facilities for stevedores restroom, washrooms, and gear-rooms. This contract was 80% completed at the end of the year.

*Construction of Canteen and Gear-room Building.*—Blunden Supplies Limited was awarded a contract for the construction of a combined gear-room and stevedores canteen building at Ocean Terminals during May, 1958. This building, of brick and concrete block construction, is 82 feet by 51 feet and contains four gear-rooms, canteen and wash-room facilities for stevedores. This project was 94% completed at the end of the year.

*Construction of Pier A-1.*—A contract was awarded to Foundation Maritime Limited in August, 1955, for the construction of a reinforced concrete crib and fill-type pier, 600 feet by 290 feet, at Ocean Terminals. In August, 1956, the contract was amended in order to provide for a 455-foot extension. The new construction, inclusive of the previously existing 195-foot long dock, provides a pier 1,250 feet long. The work was completed early in 1958.

*Paving Areas at Shore End of Pier A-1.*—Standard Paving Maritime Limited was awarded a contract in October, 1958, for the paving of the areas at the shore end of Pier A-1 and at berth 35, and the laying of crushed gravel surfacing on certain of the open areas at Pier A-1. Due to inclement weather conditions, only 60% of the work was completed during 1958.

*Replacement of Grain Galleries 3 and 4 and Additional Grain Shipping Facilities.*—A contract for the demolition of wooden grain galleries 3 and 4 and their reconstruction in steel, also the construction of a new shipping house between elevators 2 and 3 was awarded to Fundy Construction Company Limited in April, 1956. Due to delay in delivery of materials, only preliminary work was carried out in 1956. The work was completed early in 1958.

*Replacement of Outdoor Electrical Sub-station, Cold Storage Plant.*—The British Thomson-Houston Co. (Canada) Ltd. were awarded a contract for the supplying of a complete outdoor primary substation at the cold storage plant in August, 1957. The erection of the substation is being carried out by the Board's forces who have completed 90% of the work at the end of 1958.

*Minor Items.*—These included the installation of a second vegetable oil discharge line in transit shed 20; purchase of a Land Rover truck and Arc Welder, and installation of a chain link security fence in shed 27.

## INCOME AND EXPENSE

Operating income amounted to \$1,859,423, as compared with \$1,947,120 in 1957, the decrease being \$87,697. Operating expenses were \$1,555,546 as compared with \$1,432,788 in 1957. Net operating income was \$303,877 in 1958, as against \$514,332 in the previous year, the decrease being \$210,455.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net income deficit of \$519,739, as compared with a deficit of \$285,782 in 1957.

# Harbour of Halifax BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | \$ 250,166        |
| Accounts Receivable.....   | 361,091           |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 109,566           |
| Accrued Income.....  | 182,713           |
| Prepaid Expenses.....  | 269               |
|  | <u>\$ 903,805</u> |

|                                     |        |
|-------------------------------------|--------|
| CONTRACTORS' SECURITY DEPOSITS..... | 53,774 |
|-------------------------------------|--------|

|  |                  |
|--|------------------|
| RESERVE FUNDS—   |                  |
| (Cash \$83,117; bonds, at amortized cost, \$7,630,843) |                  |
| Replacement of Capital Assets.....                     | 7,324,531        |
| Fire and General Insurance.....                        | 389,429          |
|  | <u>7,713,960</u> |

|                                       |        |
|---------------------------------------|--------|
| PRELIMINARY CAPITAL EXPENDITURES..... | 10,882 |
|---------------------------------------|--------|

|                                      |                      |
|--------------------------------------|----------------------|
| CAPITAL ASSETS—                      |                      |
| (at cost or estimated cost)          |                      |
| Harbour Dredging.....                | 118,397              |
| Real Estate.....                     | 623,144              |
| Roads, Fences and Boundaries.....    | 258,296              |
| Sewers and Drains.....               | 177,089              |
| Miscellaneous Structures.....        | 15,089               |
| Wharves and Piers.....               | 20,903,282           |
| Permanent Sheds.....                 | 7,195,779            |
| Shed Hoists and Electric Cranes..... | 310                  |
| Grain Elevator System.....           | 4,554,251            |
| Cold Storage System.....             | 2,144,337            |
| Office Furniture and Appliances..... | 36,210               |
| Harbour Buildings.....               | 727,159              |
| Central Heating Plants.....          | 55,387               |
| Harbour Shops.....                   | 29,813               |
| Electric Power System.....           | 34,810               |
| Water Supply System.....             | 187,801              |
| Floating Equipment.....              | 19,962               |
| Shore Equipment.....                 | 48,128               |
| Miscellaneous Small Plant.....       | 75,786               |
| Works under Construction.....        | 630,162              |
|                                      | <u>\$ 37,835,792</u> |

## LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 91,821      |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 91,281         |
| CONTRACTORS' HOLDBACKS.....                    | 49,285         |
| DEFERRED INCOME.....                           | 14,035         |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   | 53,774         |
|  | <u>300,196</u> |

|  |               |
|--|---------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                  |               |
| Assets transferred to the Board on its Establish-<br>ment, and subsequently..... | \$ 17,082,110 |
| Loans and Advances.....  | 23,875,116    |
| Interest in Arrears on Loans and Advances.....                                   | 5,741,808     |

|  |                   |
|--|-------------------|
| RESERVES:                                    |                   |
| Replacement of Capital Assets...\$ 9,050,595 |                   |
| Fire and General Insurance.....              | 9,440,024         |
|  | <u>56,137,058</u> |

|  |                      |
|--|----------------------|
| Deduct: Deficit—   |                      |
| Balance at Beginning of Year.....  | 9,390,720            |
| Add: Prior Years' Adjustments (Net).....                                       | 8,582                |
| Net Income (Deficit) for the year, per<br>statement of Income and Expense..... | 519,739              |
| Balance at End of Year.....  | <u>9,919,041</u>     |
|  | <u>\$ 46,218,017</u> |

\$ 46,518,213

# HARBOUR OF HALIFAX

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

### OPERATING INCOME—

#### Harbour—

|                       |           |        |
|-----------------------|-----------|--------|
| Harbour Dues.....     | \$ 50,638 |        |
| Property Rentals..... | 24,798    |        |
| Miscellaneous.....    | 2,260     |        |
|                       | <u>\$</u> | 77,696 |

#### Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 381,441 |         |
| Dockage.....             | 134,996 |         |
| Wharf Space Rentals..... | 46,637  |         |
| Miscellaneous.....       | 206     |         |
|                          | <u></u> | 563,280 |

#### Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 209,823 |         |
| Storage.....       | 279,487 |         |
| Rentals.....       | 2,250   |         |
| Miscellaneous..... | 7,488   |         |
|                    | <u></u> | 499,048 |

#### Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 210,538 |         |
| Miscellaneous..... | 121,283 |         |
|                    | <u></u> | 331,821 |

#### Permanent Sheds—

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Shed Rentals.....           | 118,412 |                     |
| Storage.....                | 40,711  |                     |
| Miscellaneous.....          | 167,244 |                     |
|                             | <u></u> | 326,367             |
| Miscellaneous Services..... |         | 61,211              |
|                             |         | <u>\$</u> 1,859,423 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                             |         |           |
|-----------------------------|---------|-----------|
| Harbour.....                | 226,541 |           |
| Wharves and Piers.....      | 48,850  |           |
| Grain Elevator System.....  | 361,885 |           |
| Cold Storage System.....    | 346,185 |           |
| Permanent Sheds.....        | 299,056 |           |
| Miscellaneous Services..... | 93,083  |           |
|                             | <u></u> | 1,375,600 |

#### Administrative—

|   |         |           |
|---|---------|-----------|
| Salaries.....   | 80,474  |           |
| Contributions to Public Service Superannuation Account..... | 36,670  |           |
| Office Expenses.....  | 7,308   |           |
| Miscellaneous.....  | 55,494  |           |
|   | <u></u> | 179,946   |
|   |         | 1,555,546 |

NET OPERATING INCOME..... 303,877

### ADD: OTHER INCOME—

|  |         |         |
|--|---------|---------|
| Income from investments (less \$15,746 transferred to Reserves other than that for Replacement of Capital Assets)..... | 255,866 |         |
| Miscellaneous.....   | 23,645  |         |
|  | <u></u> | 279,511 |
|  |         | 583,388 |

### DEDUCT: SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 716,016 |           |
| Provision for Replacement of Capital Assets.....  | 384,031 |           |
| Other.....  | 3,080   |           |
|   | <u></u> | 1,103,127 |

NET INCOME DEFICIT..... \$ 519,739



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deepsea berths and 6 berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in 3 sheds, with an aggregate floor space of about 991,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,576,800 bushels, and is connected to 9 of the berths by over 2 miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 1,660                   | 2,507,257                    |
| 1957.....          | 1,589                   | 2,563,574                    |
| 1956.....          | 1,608                   | 2,701,415                    |
| 1955.....          | 1,454                   | 2,548,372                    |
| 1954.....          | 1,631                   | 2,633,413                    |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 1,654                   | 2,498,558                    |
| 1957.....          | 1,664                   | 2,584,219                    |
| 1956.....          | 1,595                   | 2,660,661                    |
| 1955.....          | 1,455                   | 2,553,310                    |
| 1954.....          | 1,637                   | 2,655,380                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958              |                        | 1957              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 556               | 1,712,094              | 594               | 1,806,324              |
| Coastal or inland commercial (including fishery)..... | 1,020             | 757,620                | 919               | 710,368                |
| Other.....  | 84                | 37,543                 | 76                | 46,882                 |
| Total.....  | 1,660             | 2,507,257              | 1,589             | 2,563,574              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 560               | 1,706,728              | 597               | 1,822,846              |
| Coastal or inland commercial (including fishery)..... | 1,016             | 753,444                | 992               | 714,830                |
| Other.....  | 78                | 38,386                 | 75                | 46,543                 |
| Total.....  | 1,654             | 2,498,558              | 1,664             | 2,584,219              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1958.....        | 858,482   | 1,147,450 | 2,005,932 |
| 1957.....        | 787,811   | 1,318,515 | 2,106,326 |
| 1956.....        | 935,276   | 1,614,493 | 2,549,769 |
| 1955.....        | 840,047   | 1,558,996 | 2,399,043 |
| 1954.....        | 781,334   | 939,571   | 1,720,905 |
| <i>Domestic—</i> |           |           |           |
| 1958.....        | 400,648   | 138,634   | 539,282   |
| 1957.....        | 425,600   | 136,937   | 562,537   |
| 1956.....        | 360,582   | 146,900   | 507,482   |
| 1955.....        | 313,146   | 114,339   | 427,485   |
| 1954.....        | 310,584   | 173,835   | 484,419   |
| <i>Total—</i>    |           |           |           |
| 1958.....        | 1,259,130 | 1,286,084 | 2,545,214 |
| 1957.....        | 1,213,411 | 1,455,452 | 2,668,863 |
| 1956.....        | 1,295,858 | 1,761,393 | 3,057,251 |
| 1955.....        | 1,153,193 | 1,673,335 | 2,826,528 |
| 1954.....        | 1,091,918 | 1,113,406 | 2,205,324 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain   | Petroleum<br>Oil,<br>fuel | Gasoline | Sugar,<br>raw | Motor<br>Vehicles<br>and<br>Parts | Flour,<br>wheat | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Timber | Paper,<br>news-<br>print | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Potatoes | Fertilizers<br>and<br>Fertilizer<br>Materials |
|------------------|---------|---------------------------|----------|---------------|-----------------------------------|-----------------|---|--------------------------|--|----------|---|
| <i>Foreign—</i>  |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| Inward—          |         | 200,232                   | 81,234   | 189,032       | 115,256                           | 1               | 2,253   |                          |  |          | 34,632  |
| 1958.....        | 2       | 178,784                   | 44,768   | 212,110       | 74,833                            |                 |   |                          |  |          | 45,022  |
| 1957.....        |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| Outward—         |         | 5                         |          |               | 9,548                             | 100,921         | 46,284  | 43,833                   | 39,487   | 39,307   | 31  |
| 1958.....        | 580,495 | 81                        | 2        |               | 17,633                            | 86,957          | 52,580  | 140,994                  | 34,663   | 33,908   | 106   |
| 1957.....        | 500,583 |                           |          |               |                                   |                 |   |                          |  |          |   |
| <i>Domestic—</i> |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| Inward—          |         | 246,037                   | 110,951  |               | 31                                |                 | 1,720   |                          |  |          | 900   |
| 1958.....        | 90      | 249,294                   | 134,678  |               | 26                                |                 | 625   |                          |  |          | 779   |
| 1957.....        |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| Outward—         |         | 39,100                    | 27,462   |               | 264                               | 1,249           | 1,803   |                          |  | 153      | 306   |
| 1958.....        | 709     | 38,942                    | 32,107   |               | 220                               | 1,576           | 808   |                          |  | 120      | 468   |
| 1957.....        | 3,696   |                           |          |               |                                   |                 |   |                          |  |          |   |
| <i>Totals—</i>   |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| Inward—          |         | 446,269                   | 192,185  | 189,032       | 115,287                           | 1               | 3,973   |                          |  |          | 35,532  |
| 1958.....        | 90      | 428,078                   | 179,446  | 212,110       | 74,869                            |                 | 625   |                          |  |          | 45,801  |
| 1957.....        | 2       |                           |          |               |                                   |                 |   |                          |  |          |   |
| Outward—         |         | 39,105                    | 27,462   |               | 9,812                             | 102,170         | 48,087  | 43,833                   | 39,487   | 39,460   | 337   |
| 1958.....        | 581,204 | 39,023                    | 32,109   |               | 17,853                            | 88,533          | 53,388  | 140,994                  | 34,663   | 34,028   | 574   |
| 1957.....        | 504,279 |                           |          |               |                                   |                 |   |                          |  |          |   |
| <i>Total—</i>    |         |                           |          |               |                                   |                 |   |                          |  |          |   |
| 1958.....        | 581,294 | 485,374                   | 219,647  | 189,032       | 125,099                           | 102,171         | 52,060  | 43,833                   | 39,487   | 39,460   | 35,869  |
| 1957.....        | 504,281 | 467,101                   | 211,555  | 212,110       | 92,712                            | 88,533          | 54,013  | 140,994                  | 34,663   | 34,028   | 46,375  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Rubber,<br>crude<br>(including<br>Latex) | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets<br>or slabs | Oil<br>Cake<br>and<br>Oil-cake<br>Meal | Wood-pulp | Machinery<br>and<br>Parts<br>(except<br>agricul-<br>tural) | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate | Molasses | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Glass<br>and<br>Glass<br>Manu-<br>factures | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Food-<br>stuffs,<br>canned<br>or<br>preserved<br>otherwise<br>specified |
|------------------|--|---|--|-----------|--|--|----------|--|--|--|---|
| <i>Foreign—</i>  |  |   |  |           |  |  |          |  |  |  |   |
| Inward—          |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 59                                       | 137   | 719                                    | 36        | 17,542   | 15,398   | 18,953   | 1,948  | 16,690                                     | 190  | 3,983   |
| 1957.....        | 14                                       | 360   | .....                                  | .....     | 15,010   | 18,487   | 14,375   | 1,313  | 16,675                                     | 300  | 3,592   |
| Outward—         |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 22,775                                   | 27,519  | 24,331                                 | 25,350    | 3,974  | 3,937  | .....    | 16,145   | 141  | 14,926   | 881   |
| 1957.....        | 21,939                                   | 35,429  | 95,506                                 | 47,170    | 6,384  | 7,033  | .....    | 13,570   | 34   | 21,878   | 3,695   |
| <i>Domestic—</i> |  |   |  |           |  |  |          |  |  |  |   |
| Inward—          |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 5,274                                    | 15  | .....                                  | .....     | 189  | 927  | .....    | 62   | 127  | .....  | 7,208   |
| 1957.....        | 6,854                                    | .....   | .....                                  | .....     | 125  | 10   | .....    | .....  | 58   | .....  | 6,898   |
| Outward—         |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 183                                      | .....   | 1,876                                  | 117       | 204  | 262  | 827      | 286  | 936  | 20   | 1,428   |
| 1957.....        | 23                                       | .....   | 1,770                                  | 92        | 293  | 517  | 728      | 250  | 735  | 20   | 1,255   |
| <i>Totals—</i>   |  |   |  |           |  |  |          |  |  |  |   |
| Inward—          |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 5,333                                    | 152   | 719                                    | 36        | 17,731   | 16,325   | 18,953   | 2,010  | 16,817                                     | 190  | 11,141  |
| 1957.....        | 6,868                                    | 360   | .....                                  | .....     | 15,135   | 18,497   | 14,375   | 1,313  | 16,733                                     | 300  | 10,490  |
| Outward—         |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 22,958                                   | 27,519  | 26,207                                 | 25,467    | 4,178  | 4,199  | 827      | 16,431   | 1,077                                      | 14,946   | 2,309   |
| 1957.....        | 21,962                                   | 35,429  | 97,276                                 | 47,202    | 6,677  | 7,550  | 728      | 13,820   | 769  | 21,898   | 4,950   |
| <i>Total—</i>    |  |   |  |           |  |  |          |  |  |  |   |
| 1958.....        | 28,291                                   | 27,671  | 26,926                                 | 25,503    | 21,909   | 20,524   | 19,780   | 18,441   | 17,894                                     | 15,136   | 13,450  |
| 1957.....        | 28,830                                   | 35,789  | 97,276                                 | 47,202    | 21,812   | 26,047   | 15,103   | 15,133   | 17,502                                     | 22,198   | 15,440  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fruit<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Beverages,<br>alcoholic | Pulpboard<br>(except<br>Wallboard) | Chemicals<br>not<br>otherwise<br>specified | Jute<br>and<br>Jute<br>Manu-<br>factures | Paper not<br>otherwise<br>specified | Sulphur | Iron or<br>Steel Manu-<br>factures not<br>otherwise<br>specified | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Electrical<br>Goods not<br>otherwise<br>specified |
|------------------|---|---|-------------------------|------------------------------------|--|--|-------------------------------------|---------|--|--|---|
| <i>Foreign—</i>  |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| Inward—          |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 9,535   | 27  | 7,095                   | 2                                  | 5,924                                      | 10,354                                   | 2,514                               | 10,330  | 8,230  | 1,016  | 6,674   |
| 1957.....        | 6,327   | 1,172   | 6,279                   | .....                              | 8,752                                      | 13,740                                   | 2,303                               | 7,622   | 6,348  | 492  | 8,023   |
| Outward—         |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 1,113   | 12,067  | 728                     | 10,887                             | 3,624                                      | 16                                       | 5,855                               | .....   | 1,378  | 8,047  | 1,862   |
| 1957.....        | 69  | 6,768   | 724                     | 20,729                             | 3,103                                      | 299                                      | 4,831                               | .....   | 1,561  | 11,536   | 1,746   |
| <i>Domestic—</i> |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| Inward—          |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 880   | 30  | 936                     | 13                                 | 93   | 100                                      | 602                                 | .....   | 24   | .....  | .....   |
| 1957.....        | 400   | .....   | 865                     | .....                              | 161  | 25                                       | 1,080                               | .....   | .....  | .....  | .....   |
| Outward—         |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 825   | .....   | 2,412                   | 48                                 | 1,059                                      | 39                                       | 1,491                               | .....   | 437  | 1  | 182   |
| 1957.....        | 234   | .....   | 1,882                   | 25                                 | 1,124                                      | .....                                    | 1,576                               | .....   | 369  | 45   | 107   |
| <i>Totals—</i>   |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| Inward—          |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 10,395  | 57  | 8,031                   | 15                                 | 6,017                                      | 10,454                                   | 3,116                               | 10,330  | 8,254  | 1,016  | 6,674   |
| 1957.....        | 6,727   | 1,172   | 7,144                   | .....                              | 8,913                                      | 13,765                                   | 3,383                               | 7,622   | 6,348  | 492  | 8,023   |
| Outward—         |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 1,938   | 12,067  | 3,140                   | 10,935                             | 4,683                                      | 55                                       | 7,346                               | .....   | 1,815  | 8,048  | 2,044   |
| 1957.....        | 303   | 6,768   | 2,606                   | 20,754                             | 4,227                                      | 299                                      | 6,407                               | .....   | 1,930  | 11,581   | 1,853   |
| <i>Total—</i>    |   |   |                         |                                    |  |  |                                     |         |  |  |   |
| 1958.....        | 12,333  | 12,124  | 11,171                  | 10,950                             | 10,700                                     | 10,509                                   | 10,462                              | 10,330  | 10,069   | 9,064  | 8,718   |
| 1957.....        | 7,030   | 7,940   | 9,750                   | 20,754                             | 13,140                                     | 14,064                                   | 9,790                               | 7,622   | 8,278  | 12,073   | 9,876   |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  |  | Coke  | Cotton<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | Apples | Iron or<br>Steel,<br>scrap | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars,<br>and Ties<br>(railway) | Sugar,<br>refined | Tea    | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--|-------|--|---|--|--------|----------------------------|--|-------------------|--------|---|-----------|
| <i>Foreign—</i>  |  |       |  |   |  |        |                            |  |                   |        |   |           |
| Inward—          |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  |       | 3,296  | 90  | 538  | 79     | 21                         |  | 225               | 5,919  | 88,368  | 858,482   |
| 1957.....        |  |       | 4,756  | 1,640   | 459  |        | 2                          |  |                   | 10,213 | 77,753  | 787,811   |
| Outward—         |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  | 8,418 | 914  | 3,778   | 3,386  | 7,114  | 6,972                      | 6,986  |                   |        | 64,415  | 1,147,450 |
| 1957.....        |  | 4,461 | 1,615  | 666   | 3,962  | 928    | 25,796                     | 10,913   | 11                |        | 81,483  | 1,318,515 |
| <i>Domestic—</i> |  |       |  |   |  |        |                            |  |                   |        |   |           |
| Inward—          |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  |       | 1,364  |   | 2,932  | 49     |                            |  | 7                 |        | 20,107  | 400,648   |
| 1957.....        |  |       | 1,048  | 109   | 3,461  | 18     | 441                        |  |                   | 23     | 18,344  | 425,600   |
| Outward—         |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  |       | 1,844  | 3,514   | 392  | 5      |                            |  | 6,252             | 407    | 42,541  | 138,634   |
| 1957.....        |  |       | 103  | 2,591   | 713  | 56     |                            | 103  | 6,114             | 554    | 40,141  | 136,937   |
| <i>Totals—</i>   |  |       |  |   |  |        |                            |  |                   |        |   |           |
| Inward—          |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  |       | 4,660  | 90  | 3,470  | 128    | 21                         |  | 232               | 5,919  | 108,475                                       | 1,259,130 |
| 1957.....        |  |       | 5,804  | 1,749   | 3,920  | 18     | 443                        |  |                   | 10,236 | 96,097  | 1,213,411 |
| Outward—         |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  | 8,418 | 2,758  | 7,292   | 3,778  | 7,119  | 6,972                      | 6,986  | 6,252             | 407    | 106,956                                       | 1,286,034 |
| 1957.....        |  | 4,461 | 1,718  | 3,257   | 4,675  | 984    | 25,796                     | 11,016   | 6,125             | 554    | 121,624                                       | 1,455,452 |
| <i>Total—</i>    |  |       |  |   |  |        |                            |  |                   |        |   |           |
| 1958.....        |  | 8,418 | 7,418  | 7,382   | 7,248  | 7,247  | 6,993                      | 6,986  | 6,484             | 6,326  | 215,431                                       | 2,545,214 |
| 1957.....        |  | 4,461 | 7,522  | 5,006   | 8,595  | 1,002  | 26,239                     | 11,016   | 6,125             | 10,790 | 217,721                                       | 2,698,863 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1958.....         | 2,375  | 1,980    | 4,355   |
| 1957.....         | 10,181 | 2,435    | 12,616  |
| 1956.....         | 5,153  | 2,143    | 7,296   |
| 1955.....         | 2,567  | 1,532    | 4,099   |
| 1954.....         | 4,703  | 2,552    | 7,255   |
| <i>Coastwise—</i> |        |          |         |
| 1958.....         | 49,954 | 50,624   | 100,578 |
| 1957.....         | 53,421 | 53,073   | 106,494 |
| 1956.....         | 53,572 | 52,752   | 106,324 |
| 1955.....         | 50,594 | 49,599   | 100,193 |
| 1954.....         | 59,378 | 58,468   | 117,846 |
| <i>Total—</i>     |        |          |         |
| 1958.....         | 52,329 | 52,604   | 104,933 |
| 1957.....         | 63,602 | 55,508   | 119,110 |
| 1956.....         | 58,725 | 54,895   | 113,620 |
| 1955.....         | 53,161 | 51,131   | 104,296 |
| 1954.....         | 64,081 | 61,020   | 125,101 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1958, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1958.....         |            | 18,959,644 | 18,959,644 |
| 1957.....         |            | 16,096,593 | 16,096,593 |
| 1956.....         |            | 28,649,717 | 28,649,717 |
| 1955.....         |            | 23,467,605 | 23,467,605 |
| 1954.....         |            | 11,544,590 | 11,544,590 |
| <i>Via rail—</i>  |            |            |            |
| 1958.....         | 18,457,035 |            | 18,457,035 |
| 1957.....         | 16,514,916 |            | 16,514,916 |
| 1956.....         | 28,120,579 |            | 28,120,579 |
| 1955.....         | 23,300,679 | 18,856     | 23,319,535 |
| 1954.....         | 11,767,260 | 352,313    | 12,119,573 |
| <i>Via other—</i> |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| 1954.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1958.....         | 18,457,035 | 18,959,644 | 37,416,679 |
| 1957.....         | 16,514,916 | 16,096,593 | 32,611,509 |
| 1956.....         | 28,120,579 | 28,649,717 | 56,770,296 |
| 1955.....         | 23,300,679 | 23,486,461 | 46,787,140 |
| 1954.....         | 11,767,260 | 11,896,903 | 23,664,163 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$398,647. The principal items were dredging 12 berths to a depth of 30 feet; berth 3, centre of slips of berths 6, 7, 8 and 9 to a depth of 31 feet; centre of slips of berths 12 and 13 to depths of 28 feet and 25 feet respectively (all depths are below Low Water Ordinary Spring Tides); repairing timber trestle at Long Wharf and at piers 5, 6 and 7; repairing vertical fenders; renewing wood decking at Broad Street wharf; painting exterior of sheds 5, 6 and 7, and interior of shed 11; renewing portion of roof on shed 10, repairing and renewing shed doors; painting grain galleries at sheds 11, 12 and 13; renewing grain elevator steel sash, and replacing conveyor belts at galleries No. 6 and "SS".

## CAPITAL WORKS

Capital expenditures amounted to \$115,713, of which \$3,040 was provided from replacement fund. The principal items were:—

*Extension to Transit Sheds and Grain Galleries on Pier 2-3.*—A contract was awarded to Argo Construction Limited in September, 1955, for the construction of an extension to transit sheds 2 and 3, and grain galleries. The work was completed in July, 1958.

*Straightening Face of Berth 11.*—This work, which was carried out by the Board's forces, consisted of replacing a timber apron with concrete, and straightening the face by using timber piles and B.C. Fir timbers. This work increased the apron area by 40%.

*Conversion of Central Heating Plant at Sheds 12, 13 and 14.*—The conversion of the central heating systems for sheds 12, 13 and 14 to oil-fired units was undertaken by the Board's forces. Sheds 12 and 14 were completed during 1958.

*Grain Elevator Improvements.*—The improvements that were carried out during the year consisted of the installation of a dust control system in the basement area by Ross Engineering of Canada Limited; the replacement of electrical motors by Gill and Company Limited, and alterations to grain spouts in towers "L" and "M" by Saint John Iron Works Limited.

*Minor Items.*—These consisted of the purchase of a steam jenny and a welding machine; the construction of a deck scow; the construction of concrete loading ramps at shed 1, and a survey and report on the grain elevator system.

## INCOME AND EXPENSE

Operating income amounted to \$794,814, as compared with \$947,312 in 1957, while operating expenses totalled \$908,112, as against \$880,078 in the previous year. There was an operating deficit of \$113,298 in 1958 as compared with a net operating profit of \$67,234 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$1,144,557 in 1958, as against a deficit of \$977,681 in 1957.



## Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | \$ 92,219         |
| Accounts Receivable.....   | 74,528            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 28,955            |
| Accrued Income.....  | 56,743            |
| Prepaid Expenses.....  | 349               |
|  | <u>\$ 252,794</u> |
| CONTRACTORS' SECURITY DEPOSITS.....                                | 20,232            |

|   |                  |
|---|------------------|
| RESERVE FUNDS—  |                  |
| (Cash, \$24,038; bonds, at amortized cost, \$5,336,350) |                  |
| Replacement of Capital Assets.....                      | 4,996,975        |
| Fire and General Insurance.....                         | 373,422          |
|   | <u>5,370,397</u> |

|                                       |       |
|---------------------------------------|-------|
| PRELIMINARY CAPITAL EXPENDITURES..... | 1,156 |
|---------------------------------------|-------|

|                                      |                   |
|--------------------------------------|-------------------|
| CAPITAL ASSETS—                      |                   |
| (At cost or estimated cost)          |                   |
| Harbour Dredging.....                | 1,229,568         |
| Real Estate.....                     | 2,036,780         |
| Vehicular Bridges.....               | 30,107            |
| Roads, Fences and Boundaries.....    | 150,970           |
| Wharves and Piers.....               | 21,139,599        |
| Permanent Sheds.....                 | 4,866,833         |
| Railway System.....                  | 192,661           |
| Grain Elevator System.....           | 4,470,602         |
| Office Furniture and Appliances..... | 21,796            |
| Harbour Buildings.....               | 102,293           |
| Central Heating Plants.....          | 40,782            |
| Water Supply System.....             | 15,289            |
| Floating Equipment.....              | 163,169           |
| Shore Equipment.....                 | 174,260           |
| Miscellaneous Small Plant.....       | 21,635            |
| Works under Construction.....        | 89,070            |
|                                      | <u>34,745,394</u> |

\$ 40,389,973

## LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 53,897      |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 13,617         |
| DEFERRED INCOME.....                           | 15,388         |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   | 20,232         |
|  | <u>103,134</u> |

|  |                   |
|--|-------------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |                   |
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 6,965,941      |
| Loans and Advances.....  | 27,573,826        |
| Interest in Arrears on Loans and Advances.....                                 | 10,698,189        |
| Reserves:  |                   |
| Replacement of Capital Assets.....   | \$ 8,933,784      |
| Fire and General Insurance.....  | 373,422           |
|  | <u>9,307,206</u>  |
|  | <u>54,545,162</u> |

|  |                      |
|--|----------------------|
| Deduct: Deficit—   |                      |
| Balance at Beginning of Year.....  | 13,108,402           |
| Add: Prior Years' Adjustments (Net).....   | 5,364                |
| Net Income (Deficit) for the year, per state-<br>ment of Income and Expense..... | 1,144,557            |
| Balance at End of Year.....  | <u>\$ 14,258,323</u> |
|  | <u>40,286,839</u>    |

\$ 40,389,973

## HARBOUR OF SAINT JOHN

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 19,852         |           |
| Property Rentals..... | 35,416            |           |
| Miscellaneous.....    | 2,575             |           |
|                       | <u>          </u> | \$ 57,843 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 427,298           |         |
| Dockage.....             | 121,062           |         |
| Wharf Space Rentals..... | 72                |         |
|                          | <u>          </u> | 548,432 |

##### Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 65,255 |
|--------------|--|--------|

##### Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 29,761            |        |
| Storage.....      | 32,200            |        |
|                   | <u>          </u> | 61,961 |

Railway System..... 8

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 61,315            |            |
|                             | <u>          </u> | \$ 794,814 |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|   |                   |         |
|---|-------------------|---------|
| Harbour (including \$209,948 for dredging)..... | 387,992           |         |
| Wharves and Piers.....                          | 93,891            |         |
| Grain Elevator System.....                      | 37,071            |         |
| Permanent Sheds.....                            | 189,226           |         |
| Miscellaneous Services.....                     | 93,051            |         |
|   | <u>          </u> | 801,231 |

##### Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 53,545            |                   |
| Contributions to Public Service Superannuation Account.... | 19,495            |                   |
| Office Expenses.....                                       | 3,262             |                   |
| Miscellaneous.....   | 30,579            |                   |
|  | <u>          </u> | 106,881           |
|  |                   | <u>          </u> |
|  |                   | 908,112           |

NET OPERATING DEFICIT..... 113,298

#### DEDUCT: OTHER INCOME—

|  |                   |                   |
|--|-------------------|-------------------|
| Income from Investments (less \$14,835 transferred to Reserves other than that for Replacement of Capital Assets)..... | 186,522           |                   |
| Miscellaneous.....   | 1,747             |                   |
|  | <u>          </u> | 188,269           |
|  |                   | <u>          </u> |
|  |                   | 74,971            |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 814,592           |           |
| Provision for Replacement of Capital Assets.....  | 402,906           |           |
| Other.....  | 2,030             |           |
|   | <u>          </u> | 1,219,528 |

NET INCOME DEFICIT..... \$ 1,144,557

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing 5 berths for ships of 26-foot draft and 1 berth for coastal vessels, a concrete transit shed 400 feet by 60 feet, a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| 1954.....          | 208                     | 188,687                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958                    |                              | 1957                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 12                      | 19,687                       | 9                       | 23,597                       |
| Coastal or inland commercial (including fishery)..... | 173                     | 163,740                      | 184                     | 175,314                      |
| Other.....  | 8                       | 1,313                        | 13                      | 1,438                        |
| Total.....  | 193                     | 184,740                      | 206                     | 200,349                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 12                      | 19,687                       | 9                       | 23,597                       |
| Coastal or inland commercial (including fishery)..... | 173                     | 163,740                      | 184                     | 175,314                      |
| Other.....  | 8                       | 1,313                        | 13                      | 1,438                        |
| Total.....  | 193                     | 184,740                      | 206                     | 200,349                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1958.....        | 23,490  | 3,715   | 27,205  |
| 1957.....        | 56,534  | 3,469   | 60,003  |
| 1956.....        | 96,385  | 1,960   | 98,345  |
| 1955.....        | 35,305  | 940     | 36,245  |
| 1954.....        | 48,592  | 719     | 49,311  |
| <i>Domestic—</i> |         |         |         |
| 1958.....        | 285,587 | 3,356   | 288,943 |
| 1957.....        | 289,027 | 5,383   | 294,410 |
| 1956.....        | 277,999 | 8,435   | 286,434 |
| 1955.....        | 305,381 | 3,797   | 309,178 |
| 1954.....        | 277,196 | 3,520   | 280,716 |
| <i>Total—</i>    |         |         |         |
| 1958.....        | 309,077 | 7,071   | 316,148 |
| 1957.....        | 345,561 | 8,852   | 354,413 |
| 1956.....        | 374,384 | 10,395  | 384,779 |
| 1955.....        | 340,686 | 4,737   | 345,423 |
| 1954.....        | 325,788 | 4,239   | 330,027 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, fuel | Gasoline | Coal,<br>bituminous | Sulphur | Wood,<br>unmanu-<br>factured<br>not<br>otherwise<br>specified | Lumber<br>(Planks and<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wallboard | Feed,<br>animal<br>or<br>poultry<br>not<br>otherwise<br>specified | Potatoes | All Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|------------------------|----------|---------------------|---------|---|--|-----------|---|----------|--|---------|
| <i>Foreign—</i>  |                        |          |                     |         |   |  |           |   |          |  |         |
| Inward—          |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 5,650                  | .....    | 10,439              | 7,401   | .....   | .....  | .....     | .....   | .....    | .....                                      | 23,490  |
| 1957.....        | 16,735                 | 5,914    | 21,659              | 8,909   | .....   | .....  | .....     | .....   | .....    | 3,317                                      | 56,534  |
| Outward—         |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | .....                  | .....    | .....               | .....   | 3,715   | .....  | .....     | .....   | .....    | .....                                      | 3,715   |
| 1957.....        | .....                  | .....    | .....               | .....   | 3,469   | .....  | .....     | .....   | .....    | .....                                      | 3,469   |
| <i>Domestic—</i> |                        |          |                     |         |   |  |           |   |          |  |         |
| Inward—          |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 141,928                | 117,917  | 15,747              | .....   | .....   | 52   | 1,711     | 1,204   | 449      | 6,579                                      | 285,587 |
| 1957.....        | 151,728                | 121,357  | 7,285               | .....   | .....   | 24   | 1,108     | .....   | 663      | 6,862                                      | 289,027 |
| Outward—         |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 988                    | .....    | .....               | .....   | .....   | 2,073  | .....     | .....   | .....    | 295  | 3,356   |
| 1957.....        | .....                  | .....    | .....               | .....   | .....   | 5,198  | .....     | .....   | 45       | 140  | 5,383   |
| <i>Totals—</i>   |                        |          |                     |         |   |  |           |   |          |  |         |
| Inward—          |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 147,578                | 117,917  | 26,186              | 7,401   | .....   | 52   | 1,711     | 1,204   | 449      | 6,579                                      | 309,077 |
| 1957.....        | 168,463                | 127,271  | 28,944              | 8,909   | .....   | 24   | 1,108     | .....   | 663      | 10,179                                     | 345,561 |
| Outward—         |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 988                    | .....    | .....               | .....   | 3,715   | 2,073  | .....     | .....   | 45       | 295  | 7,071   |
| 1957.....        | .....                  | .....    | .....               | .....   | 3,469   | 5,198  | .....     | .....   | .....    | 140  | 8,852   |
| Total—           |                        |          |                     |         |   |  |           |   |          |  |         |
| 1958.....        | 148,566                | 117,917  | 26,186              | 7,401   | 3,715   | 2,125  | 1,711     | 1,204   | 449      | 6,874                                      | 316,148 |
| 1957.....        | 168,463                | 127,271  | 28,944              | 8,909   | 3,469   | 5,222  | 1,108     | .....   | 708      | 10,319                                     | 354,413 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1958.....         |        |          |       |
| 1957.....         |        |          |       |
| 1956.....         |        |          |       |
| 1955.....         |        |          |       |
| 1954.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |
| <i>Total—</i>     |        |          |       |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| 1954.....         | 4,235  | 4,233    | 8,468 |

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$15,391. The principal items were general repairs to wharves, piers, sheds and roads.

## CAPITAL

An amount of \$8,130 was expended on capital account for engineering surveys required in connection with the proposed construction of an oil wharf.

## INCOME AND EXPENSE

Operating income amounted to \$110,486, as compared with \$110,534 in 1957. Operating expenses were \$39,499, the corresponding figure in 1957 being \$32,022. Net operating income was \$70,987, as compared with \$78,512 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$40,702, as compared with a deficit of \$40,228 in 1957.

# Harbour of Chicoutimi BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

| CURRENT—   |    |           |
|--|----|-----------|
| Cash.....  | \$ | 91,506    |
| Accounts Receivable.....   |    | 2,977     |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | \$ | 21,854    |
|  |    | 116,337   |
| RESERVE FUNDS—   |    |           |
| (Cash, \$8,297; bonds, at amortized cost, \$814,771)               |    |           |
| Replacement of Capital Assets.....                                 |    | 799,414   |
| Fire and General Insurance.....                                    |    | 23,654    |
|  |    | 823,068   |
| CAPITAL ASSETS—  |    |           |
| (at cost or estimated cost)  |    |           |
| Harbour Dredging.....  |    | 445,828   |
| Real Estate.....   |    | 35,626    |
| Roads, Fences and Boundaries.....                                  |    | 115,906   |
| Sewers and Drains.....   |    | 165,653   |
| Wharves and Piers.....   |    | 2,924,622 |
| Permanent Sheds.....   |    | 124,083   |
| Railway System.....  |    | 38,599    |
| Office Furniture and Appliances.....                               |    | 4,107     |
| Electric Power System.....   |    | 4,561     |
| Water Supply System.....   |    | 16,788    |
| Floating Equipment.....  |    | 3,266     |
| Shore Equipment.....   |    | 3,988     |
| Miscellaneous Small Plant.....                                     |    | 1,400     |
| Engineering—General Surveys.....                                   |    | 9,995     |
| Works under Construction.....                                      |    | 8,130     |
|  |    | 3,899,532 |
|  | \$ | 4,838,937 |

## LIABILITIES

|  |    |           |
|--|----|-----------|
| ACCOUNTS PAYABLE—GENERAL.....  | \$ | 648       |
| DEFERRED INCOME.....   |    | 4,662     |
|  |    | 5,310     |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |    |           |
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ | 459,398   |
| Loans and Advances.....  |    | 3,830,286 |
| Interest in Arrears on Loans and Advances.....                                 |    | 2,631,221 |
| Reserves:  |    |           |
| Replacement of Capital Assets.....   | \$ | 935,146   |
| Fire and General Insurance.....  |    | 23,654    |
|  |    | 958,800   |
|  |    | 7,879,705 |
| Deduct: Deficit—   |    |           |
| Balance at Beginning of Year.....  |    | 3,005,226 |
| Add: Prior Years' Adjustments.....   |    | 150       |
| Net Income (Deficit) for the year, per<br>statement of Income and Expense..... |    | 40,702    |
| Balance at End of Year.....  |    | 3,046,078 |
|  |    | 4,833,627 |

\$ 4,838,937

## HARBOUR OF CHICOUTIMI

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

#### OPERATING INCOME—

##### Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 910            |          |
| Property Rentals..... | 240               |          |
| Miscellaneous.....    | 41                |          |
|                       | <u>          </u> | \$ 1,191 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 39,226            |         |
| Dockage.....             | 3,076             |         |
| Wharf Space Rentals..... | 59,503            |         |
| Miscellaneous.....       | 10                |         |
|                          | <u>          </u> | 101,815 |

##### Permanent Sheds—

|                             |                   |                   |
|-----------------------------|-------------------|-------------------|
| Shed Rentals.....           | 1,900             |                   |
| Storage.....                | 4,350             |                   |
|                             | <u>          </u> | 6,250             |
| Miscellaneous Services..... |                   | 1,230             |
|                             |                   | <u>          </u> |
|                             |                   | \$ 110,486        |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 5,529             |        |
| Wharves and Piers.....      | 16,155            |        |
| Permanent Sheds.....        | 1,401             |        |
| Miscellaneous Services..... | 1,040             |        |
|                             | <u>          </u> | 24,125 |

##### Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 9,390             |                   |
| Contributions to Public Service Superannuation Account.... | 1,317             |                   |
| Office Expenses.....                                       | 2,452             |                   |
| Miscellaneous.....   | 2,215             |                   |
|  | <u>          </u> | 15,374            |
|  |                   | <u>          </u> |
|  |                   | 39,499            |

NET OPERATING INCOME..... 70,987

#### ADD: OTHER INCOME—

|   |                   |
|---|-------------------|
| Income from Investments (less \$959 transferred to Reserves other than that for Replacement of Capital Assets)..... | 28,982            |
|   | <u>          </u> |
|   | 99,969            |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 105,185           |         |
| Provision for Replacement of Capital Assets.....  | 35,486            |         |
|   | <u>          </u> | 140,671 |

NET INCOME DEFICIT..... \$ 40,702



## HARBOUR OF QUEBEC

The harbour of Quebec is situated on the St. Lawrence River about 160 miles below Montreal. It is open to ocean navigation for about 8 months in the year and coastal navigation the year round. The facilities operated by the National Harbours Board include 20,200 linear feet of berthing providing 27 deepsea berths and 14 berths for coastal shipping. There are 9 transit sheds with a total floor area of about 693,000 square feet; 23 miles of standard gauge terminal railway, connected with both Canadian railways; a grain elevator with a capacity of 5,950,000 bushels and 2,000 linear feet of shipping galleries, with a loading capacity of 90,000 bushels per hour; 2 marine towers for unloading boats in operation and 2 under construction; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75 tons capacity, and 3 locomotive cranes with a capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 4,474                   | 6,781,925                    |
| 1957.....          | 4,537                   | 6,884,587                    |
| 1956.....          | 4,751                   | 6,588,040                    |
| 1955.....          | 4,467                   | 6,123,183                    |
| 1954.....          | 4,744                   | 5,859,540                    |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 4,479                   | 6,776,217                    |
| 1957.....          | 4,527                   | 6,890,020                    |
| 1956.....          | 4,741                   | 6,578,618                    |
| 1955.....          | 4,464                   | 6,119,396                    |
| 1954.....          | 4,751                   | 5,879,631                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958              |                        | 1957              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 955               | 4,371,246              | 956               | 4,551,502              |
| Coastal or inland commercial (including fishery)..... | 3,497             | 2,406,486              | 3,531             | 2,321,399              |
| Other.....  | 22                | 4,193                  | 50                | 11,686                 |
| Total.....  | 4,474             | 6,781,925              | 4,537             | 6,884,587              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 955               | 4,371,246              | 956               | 4,551,502              |
| Coastal or inland commercial (including fishery)..... | 3,497             | 2,399,198              | 3,524             | 2,328,062              |
| Other.....  | 27                | 5,773                  | 47                | 10,456                 |
| Total.....  | 4,479             | 6,776,217              | 4,527             | 6,890,020              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign</i>   |           |           |           |
| 1958.....        | 166,110   | 847,723   | 1,013,833 |
| 1957.....        | 90,636    | 814,425   | 905,061   |
| 1956.....        | 221,161   | 1,040,696 | 1,261,857 |
| 1955.....        | 238,918   | 734,292   | 973,210   |
| 1954.....        | 137,209   | 634,480   | 771,689   |
| <i>Domestic—</i> |           |           |           |
| 1958.....        | 2,684,545 | 260,861   | 2,945,406 |
| 1957.....        | 2,618,079 | 219,036   | 2,837,115 |
| 1956.....        | 2,766,170 | 253,219   | 3,019,383 |
| 1955.....        | 2,280,036 | 143,677   | 2,423,713 |
| 1954.....        | 2,262,669 | 100,841   | 2,363,510 |
| <i>Total—</i>    |           |           |           |
| 1958.....        | 2,850,655 | 1,108,584 | 3,959,239 |
| 1957.....        | 2,708,715 | 1,033,461 | 3,742,176 |
| 1956.....        | 2,987,331 | 1,293,915 | 4,281,246 |
| 1955.....        | 2,518,954 | 877,969   | 3,396,923 |
| 1954.....        | 2,399,878 | 735,321   | 3,135,199 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Sulphur | Wood-pulp | Iron or Steel Band, Bars not otherwise specified, Hoop, Plates, Rods, Sheets, Skelp, Strip and Tin plate | Rock and Stone | Fertilizers and Fertilizer Materials | Metal, scrap not otherwise specified | Flour, wheat | Groceries not otherwise specified | Wallboard | Fruits and Fruit Products (including Juices) not otherwise specified | Coal, anthracite |
|------------------|---------|-----------|--|----------------|--------------------------------------|--------------------------------------|--------------|-----------------------------------|-----------|--|------------------|
| <i>Foreign—</i>  |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| Inward—          |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        |         |           | 13,134   | 1,630          | 16,855                               |                                      |              | 457                               | 202       | 3,948  | 4,588            |
| 1957.....        |         |           | 9,098  | 1,657          | 14,948                               |                                      |              | 71                                |           | 886  | 13,212           |
| Outward—         |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        |         | 18,330    | 3,994  |                | 30                                   | 8,729                                | 7,031        | 1                                 | 82        | 103  |                  |
| 1957.....        |         | 11,429    | 2,275  |                |                                      | 52,221                               | 105          | 72                                | 32        | 4,878  |                  |
| <i>Domestic—</i> |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| Inward—          |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        | 23,112  |           | 546  | 18,275         |                                      | 388                                  | 481          | 1,569                             | 4,664     | 775  |                  |
| 1957.....        | 22,102  |           | 834  | 3,290          | 1,485                                | 1,104                                |              | 7,307                             | 3,856     | 3,130  |                  |
| Outward—         |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        |         | 2,895     | 3,055  |                | 1,065                                | 7,222                                | 2,106        | 5,766                             | 15        | 47   |                  |
| 1957.....        |         | 4,374     | 1,135  | 176            | 838                                  | 191                                  | 2,165        | 9,638                             | 46        | 545  |                  |
| <i>Totals—</i>   |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| Inward—          |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        | 23,112  |           | 13,680   | 19,905         | 16,855                               | 388                                  | 481          | 2,026                             | 4,866     | 4,723  | 4,588            |
| 1957.....        | 22,102  |           | 9,932  | 4,947          | 16,433                               | 1,104                                |              | 7,378                             | 3,856     | 4,016  | 13,212           |
| Outward—         |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        |         | 21,225    | 7,049  |                | 1,095                                | 15,951                               | 9,137        | 5,767                             | 97        | 150  |                  |
| 1957.....        |         | 15,803    | 3,410  | 176            | 838                                  | 52,412                               | 2,270        | 9,710                             | 78        | 5,423  |                  |
| Total—           |         |           |  |                |                                      |                                      |              |                                   |           |  |                  |
| 1958.....        | 23,112  | 21,225    | 20,729   | 19,905         | 17,950                               | 16,339                               | 9,618        | 7,793                             | 4,963     | 4,873  | 4,588            |
| 1957.....        | 22,102  | 15,803    | 13,342   | 5,123          | 17,271                               | 53,516                               | 2,270        | 17,088                            | 3,934     | 9,439  | 13,212           |



## CARGO TONNAGE—COMMODITIES—Concluded

| —                | Salt  | Beverages,<br>alcoholic | Glass and<br>Glass<br>Manu-<br>factures | Food-stuffs,<br>or<br>preserved,<br>not<br>otherwise<br>specified | Brick | Pulpboard,<br>(except<br>Wallboard) | Gypsum,<br>crude | Explosives,<br>including<br>Fuses and<br>Blasting<br>Caps | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------|-------------------------|---|---|-------|-------------------------------------|------------------|---|--|-----------|
| <i>Foreign—</i>  |       |                         |   |   |       |                                     |                  |   |  |           |
| Inward—          |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 458   | 2,883                   | 3,170                                   | 1,451   | 762   | 53                                  | .....            | 266   | 15,522                                     | 166,110   |
| 1957.....        | 184   | 3,043                   | 2,574                                   | 601   | 1,454 | 71                                  | .....            | 491   | 12,300                                     | 90,636    |
| Outward—         |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | ..... | .....                   | .....                                   | 570   | ..... | 538                                 | .....            | 282   | 13,487                                     | 847,723   |
| 1957.....        | ..... | 3                       | .....                                   | 540   | ..... | 10,029                              | .....            | 4,131   | 4,084                                      | 814,425   |
| <i>Domestic—</i> |       |                         |   |   |       |                                     |                  |   |  |           |
| Inward—          |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 3,225 | 144                     | .....                                   | 231   | ..... | .....                               | 581              | 10  | 10,201                                     | 2,684,545 |
| 1957.....        | 3,287 | 153                     | .....                                   | 736   | ..... | .....                               | 5,306            | 453   | 8,005                                      | 2,618,079 |
| Outward—         |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 100   | 306                     | 42                                      | 326   | 1,513 | .....                               | .....            | .....   | 21,287                                     | 260,861   |
| 1957.....        | 285   | 156                     | .....                                   | 536   | 1,062 | 95                                  | .....            | .....   | 23,366                                     | 219,036   |
| <i>Totals—</i>   |       |                         |   |   |       |                                     |                  |   |  |           |
| Inward—          |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 3,683 | 3,027                   | 3,170                                   | 1,682   | 762   | 53                                  | 581              | 276   | 25,723                                     | 2,850,655 |
| 1957.....        | 3,471 | 3,196                   | 2,574                                   | 1,337   | 1,454 | 71                                  | 5,306            | 944   | 20,305                                     | 2,708,715 |
| Outward—         |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 100   | 306                     | 42                                      | 896   | 1,513 | 538                                 | .....            | 282   | 34,774                                     | 1,108,584 |
| 1957.....        | 285   | 159                     | .....                                   | 1,076   | 1,062 | 10,124                              | .....            | 4,131   | 27,450                                     | 1,033,461 |
| <i>Total—</i>    |       |                         |   |   |       |                                     |                  |   |  |           |
| 1958.....        | 3,783 | 3,333                   | 3,212                                   | 2,578   | 2,275 | 591                                 | 581              | 558   | 60,497                                     | 3,959,239 |
| 1957.....        | 3,756 | 3,355                   | 2,574                                   | 2,413   | 2,516 | 10,195                              | 5,306            | 5,075   | 47,755                                     | 3,742,176 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1958.....         | 15,084 | 8,166    | 23,250  |
| 1957.....         | 51,076 | 23,162   | 74,238  |
| 1956.....         | 43,607 | 19,703   | 63,310  |
| 1955.....         | 54,021 | 41,909   | 95,930  |
| 1954.....         | 67,004 | 33,467   | 100,471 |
| <i>Coastwise—</i> |        |          |         |
| 1958.....         | 14,720 | 15,582   | 30,302  |
| 1957.....         | 14,871 | 13,428   | 28,299  |
| 1956.....         | 13,852 | 14,387   | 28,239  |
| 1955.....         | 18,946 | 19,335   | 38,281  |
| 1954.....         | 11,935 | 14,233   | 26,168  |
| <i>Total—</i>     |        |          |         |
| 1958.....         | 29,804 | 23,748   | 53,552  |
| 1957.....         | 65,947 | 36,950   | 102,537 |
| 1956.....         | 57,459 | 34,090   | 91,549  |
| 1955.....         | 72,967 | 61,244   | 134,211 |
| 1954.....         | 78,939 | 47,700   | 126,639 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1958, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1958.....         | 17,036,110 | 14,672,807 | 31,708,917 |
| 1957.....         | 10,278,683 | 8,893,999  | 19,172,682 |
| 1956.....         | 13,392,558 | 17,231,821 | 30,624,379 |
| 1955.....         | 12,726,672 | 9,399,812  | 22,126,484 |
| 1954.....         | 11,102,895 | 8,611,944  | 19,714,839 |
| <i>Via rail—</i>  |            |            |            |
| 1958.....         | 11,428,569 | 11,032,533 | 22,461,102 |
| 1957.....         | 8,648,455  | 8,027,290  | 16,675,745 |
| 1956.....         | 13,399,400 | 8,245,860  | 21,645,260 |
| 1955.....         | 5,956,805  | 7,801,462  | 13,758,267 |
| 1954.....         | 6,197,002  | 6,931,627  | 13,128,629 |
| <i>Via other—</i> |            |            |            |
| 1958.....         | 573        | 1,869,244  | 1,869,817  |
| 1957.....         | 112        | 1,630,574  | 1,630,686  |
| 1956.....         | 5,851      | 1,442,846  | 1,448,697  |
| 1955.....         | 55,352     | 1,729,726  | 1,785,078  |
| 1954.....         | 170        | 1,605,251  | 1,605,421  |
| <i>Total—</i>     |            |            |            |
| 1958.....         | 28,465,252 | 27,574,584 | 56,039,836 |
| 1957.....         | 18,927,250 | 18,551,863 | 37,479,113 |
| 1956.....         | 26,797,809 | 26,920,527 | 53,718,336 |
| 1955.....         | 18,738,829 | 18,931,000 | 37,669,829 |
| 1954.....         | 17,300,067 | 17,148,822 | 34,448,889 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1958, with comparison for 1957.

|  | 1958   | 1957   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 15,289 | 18,439 |
| Non-revenue cars.....  | 10,859 | 10,628 |
| Total.....   | 26,148 | 29,067 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,993 | 12,522 |
| Non-revenue cars.....  | 13,124 | 16,414 |
| Total.....   | 26,117 | 28,936 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 70     | 86     |
| Non-revenue cars.....  | 70     | 86     |
| Total.....   | 140    | 172    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 28,352 | 31,047 |
| Non-revenue cars.....  | 24,053 | 27,128 |
| Total.....   | 52,405 | 58,175 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$477,897. The main items were the repairing of the top course of timber quay walls at berths Nos. West-29 and 30, St. Charles River wharf; painting the steelwork of inshore side of shed "A" as well as the cargo beam; replacing 2-phase type of electrical controls of railway bascule bridge by 3-phase; renewing concentrator rollers on tunnel belts, and replacing electrical panelboard on bin floor of the working house of the grain elevator.

## CAPITAL WORKS

Expenditures on capital account amounted to \$3,831,909, of which \$300,000 was provided from revenues. The principal items were:—

*Reconditioning and Widening Berth No. 18.*—In June, 1957, a contract was awarded to E. G. M. Cape & Company (1956) Limited for the reconditioning and widening of berth No. 18. Seven concrete cribs 46 feet wide and 40 feet high were sunk in place on the St. Lawrence River side of the Breakwater, on a total length of 802 feet. These cribs were designed to carry the weight of two mobile grain unloading marine towers. The work was completed in November, 1958.

*Annex to Grain Elevator.*—In January, 1958, a contract was awarded to The Carter Construction Company Limited for the erection of an annex of 1,950,000 bushels storage capacity to the Board's grain elevator. While the contract was not fully completed by the end of the year, work was sufficiently advanced to allow the receiving of grain on November 25, 1958.

*Marine Towers and Receiving Galleries.*—A contract was awarded to The Carter Construction Company Limited, in May, 1958, for the erection of two mobile grain unloading marine towers, with total unloading capacity of 72,000 bushels per hour, at berth No. 18, and grain receiving galleries from these towers to the new grain elevator annex. Approximately 35% of the contract was completed during 1958.

*Pneumatic Clean-up Equipment, New Marine Towers.*—In August, 1957, a contract was awarded to Simon Handling Engineers Limited for the supply and installation of pneumatic clean-up equipment for the two new marine towers being erected on the Breakwater. The equipment has been delivered on the site and will be erected as soon as progress on the marine towers permits.

*Automatic Scales for Grain Elevator Annex.*—In December, 1956, a contract was awarded to Toledo Scale Company of Canada Limited for the supplying of two automatic scales having a weighing capacity of 36,000 bushels per hour each, for the new grain elevator annex. When received, these scales will be installed by Board forces.

*Construction of Transit Shed No. 8.*—Bergerville Estates Limited was awarded a contract in August, 1958, for the erection of a single-storey steel-frame transit shed, 374 feet long by 90 feet wide, with office accommodation on two floors at the north end. This contract will be completed early in 1959.

*Improvements to Electrical System, Princess Louise Docks.*—To take care of increased power needs at the Princess Louise Docks, the 4-KV system is being changed by harbour forces to a 12-KV system. The installation of equipment, lines, etc. was about 85% completed during 1958.



*Dust Collector System, Grain Elevator.*—A contract was awarded to Foresteel Products Limited in April, 1958, for the fabrication of the equipment for a dust collecting system which was installed by the Board's forces on the ground floor of the working house of the grain elevator. The work was completed during 1958.

*Harbour Railway Yardmaster's Office.*—In August, 1958, a contract was awarded to Cimota Construction Corporation Limited for the construction of a new yardmaster's office, lockers, and lunchroom building for harbour railway crews at the west end of Princess Louise Docks. The work was completed during the year.

*Concrete Wall at Open Berth No. 27.*—In order to facilitate loading and unloading of railway cars and trucks at berth No. 27, a concrete wall 465 feet in length was constructed by Board forces. The area behind this wall, which is at car-door level, will be paved in the spring.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—

To increase speed of two transmission belts on bin floor of the working house of the grain elevator, two chain drives and two head shaft assemblies were fabricated by Cobra Industries Incorporated and installed by the Board's forces. Stephens-Adamson Mfg. Company of Canada Limited was awarded a contract for 36-inch conveyor belt stands, which will be erected by the Board's forces. The Department of Public Works dredged high spots in front of new berth No. 8 to obtain required depth of water. That department also carried out test borings in the St. Charles River Estuary east of the Anglo-Canadian Pulp & Paper Mills Limited wharf.

## INCOME AND EXPENSE

Operating income amounted to \$2,047,749, as compared with \$1,972,806 in 1957, the increase being \$74,943. Operating expenses were \$1,676,260, as compared with \$1,929,407 in 1957. Net operating income was \$371,489 in 1958, as compared with \$43,399 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed an income deficit of \$945,793, as compared with a deficit of \$1,152,700 in 1957.

## BALANCE SHEET AS AT DECEMBER 31, 1958

## HARBOUR OF QUEBEC

## ASSETS

| CURRENT—   |            |
|--|------------|
| Cash.....  | \$ 468,540 |
| Accounts Receivable.....   | 263,372    |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 103,477    |
| Accrued Income.....  | 600        |
| Prepaid Expenses.....  | 1,418      |
|  | <u>\$</u>  |

838,007

|                                     |         |
|-------------------------------------|---------|
| CONTRACTORS' SECURITY DEPOSITS..... | 231,720 |
|-------------------------------------|---------|

## RESERVE FUNDS—

|   |           |
|---|-----------|
| (Cash, \$20,820; bonds, at amortized cost, \$1,808,236) |           |
| Replacement of Capital Assets.....                      | 1,523,426 |
| Fire and General Insurance.....                         | 205,361   |
| Special Maintenance.....                                | 100,269   |

1,829,056

10,038

7,513

## DEBIT BALANCES IN SUSPENSE.....

## PRELIMINARY CAPITAL EXPENDITURES.....

## CAPITAL ASSETS—

(at cost or estimated cost)

|                                      |            |
|--------------------------------------|------------|
| Harbour Dredging.....                | 3,603,197  |
| Real Estate.....                     | 289,283    |
| Vehicular Bridges.....               | 171,869    |
| Roads, Fences and Boundaries.....    | 256,054    |
| Sewers and Drains.....               | 290,810    |
| Miscellaneous Structures.....        | 123,925    |
| Wharves and Piers.....               | 17,431,803 |
| Permanent Sheds.....                 | 3,752,838  |
| Shed Hoists and Electric Cranes..... | 12,000     |
| Railway System.....                  | 1,003,935  |
| Grain Elevator System.....           | 4,208,445  |
| Cold Storage System.....             | 778,209    |
| Office Furniture and Appliances..... | 19,785     |
| Harbour Buildings.....               | 220,400    |
| Central Heating Plants.....          | 9,515      |
| Harbour Shops.....                   | 29,792     |
| Electric Power System.....           | 163,323    |
| Water Supply System.....             | 37,956     |
| Floating Equipment.....              | 100,215    |
| Shore Equipment.....                 | 66,401     |
| Miscellaneous Small Plant.....       | 33,749     |
| Works under Construction.....        | 2,947,902  |

35,551,406

\$38,467,740

## LIABILITIES

|  |            |
|--|------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 201,384 |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 393,331    |
| CONTRACTORS' HOLDBACKS.....                    | 263,405    |
| DEFERRED INCOME.....                           | 16,008     |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   | 231,720    |

1,105,938

## PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|  |              |
|--|--------------|
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 2,663,019 |
| Loans and Advances.....  | 36,846,661   |
| Interest in arrears on Loans and Advances.....                                 | 19,675,855   |

## RESERVES—

|                                    |              |
|------------------------------------|--------------|
| Replacement of Capital Assets..... | \$ 9,622,932 |
| Fire and General Insurance.....    | 205,361      |
| Special Maintenance.....           | 100,269      |

9,928,562

69,114,097

## Deduct: Deficit—

|  |            |
|--|------------|
| Balance at Beginning of Year.....  | 30,735,209 |
| Add: Prior Years' Adjustments (Net).....                                       | 71,293     |
| Net Income (Deficit) for the year, per<br>statement of Income and Expense..... | 945,793    |

Balance at End of Year..... 37,361,802

37,361,802

\$ 38,467,740

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

## OPERATING INCOME—

## Harbour—

|                       |                   |            |
|-----------------------|-------------------|------------|
| Harbour Dues.....     | \$ 40,845         |            |
| Property Rentals..... | 87,457            |            |
| Miscellaneous.....    | 6,261             |            |
|                       | <u>          </u> | \$ 134,563 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 340,713           |         |
| Dockage.....             | 103,381           |         |
| Wharf Space Rentals..... | 115,155           |         |
| Miscellaneous.....       | 1,218             |         |
|                          | <u>          </u> | 560,467 |

## Grain Elevator System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Elevation.....     | 449,892           |         |
| Storage.....       | 323,449           |         |
| Miscellaneous..... | 24,114            |         |
|                    | <u>          </u> | 797,455 |

## Cold Storage System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Storage.....       | 101,394           |         |
| Miscellaneous..... | 43,077            |         |
|                    | <u>          </u> | 144,471 |

## Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 30,363            |        |
| Storage.....      | 14,673            |        |
|                   | <u>          </u> | 45,036 |

## Railway System.....

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 182,519           |              |
|                             | <u>          </u> | 183,238      |
|                             |                   | \$ 2,047,749 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                   |           |
|---|-------------------|-----------|
| Harbour (including \$100,185 for dredging)..... | 338,513           |           |
| Wharves and Piers.....                          | 104,655           |           |
| Grain Elevator System.....                      | 405,836           |           |
| Cold Storage System.....                        | 153,805           |           |
| Permanent Sheds.....                            | 88,887            |           |
| Railway System.....                             | 210,808           |           |
| Miscellaneous Services.....                     | 189,195           |           |
|   | <u>          </u> | 1,491,699 |

## Administrative—

|  |                   |         |
|--|-------------------|---------|
| Salaries.....  | 71,112            |         |
| Contributions to Public Service Superannuation Account.... | 42,833            |         |
| Office Expenses.....                                       | 3,630             |         |
| Miscellaneous.....   | 66,986            |         |
|  | <u>          </u> | 184,561 |

1,676,260

NET OPERATING INCOME..... 371,489

## ADD: OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$8,534 transferred to Reserves other than that for Replacement of Capital Assets)..... | 60,919            |         |
| Miscellaneous.....  | 6,860             |         |
|   | <u>          </u> | 67,779  |
|   |                   | 439,268 |

## DEDUCT: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 988,770           |           |
| Provision for Replacement of Capital Assets.....  | 395,885           |           |
| Other.....  | 406               |           |
|   | <u>          </u> | 1,385,061 |

NET INCOME DEFICIT..... \$ 945,793

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation for about 8 months each year, beginning early in April. The facilities operated by the National Harbours Board include 8,600 linear feet of wharves which provide 18 deepsea berths, with a minimum water depth of 30 feet, and 2 berths for coastal or small vessels. There are 10 transit sheds with a total floor area of about 290,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 2,784                   | 2,136,802                    |
| 1957.....          | 3,226                   | 2,243,346                    |
| 1956.....          | 3,308                   | 2,400,433                    |
| 1955.....          | 2,949                   | 2,124,308                    |
| 1954.....          | 3,248                   | 2,067,984                    |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 2,785                   | 2,136,155                    |
| 1957.....          | 3,222                   | 2,239,669                    |
| 1956.....          | 3,309                   | 2,406,509                    |
| 1955.....          | 2,946                   | 2,120,074                    |
| 1954.....          | 3,249                   | 2,066,469                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958                    |                              | 1957                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 329                     | 1,021,512                    | 382                     | 1,096,297                    |
| Coastal or inland commercial (including fishery)..... | 2,395                   | 1,074,522                    | 2,777                   | 1,079,995                    |
| Other.....  | 60                      | 40,768                       | 67                      | 67,054                       |
| Total.....  | 2,784                   | 2,136,802                    | 3,226                   | 2,243,346                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 329                     | 1,021,512                    | 382                     | 1,096,297                    |
| Coastal or inland commercial (including fishery)..... | 2,395                   | 1,073,682                    | 2,773                   | 1,076,318                    |
| Other.....  | 61                      | 40,961                       | 67                      | 67,054                       |
| Total.....  | 2,785                   | 2,136,155                    | 3,222                   | 2,239,669                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1958.....        | 263,267   | 753,809 | 1,017,076 |
| 1957.....        | 308,454   | 579,215 | 887,669   |
| 1956.....        | 279,870   | 744,118 | 1,023,988 |
| 1955.....        | 186,280   | 483,894 | 670,174   |
| 1954.....        | 292,721   | 475,790 | 768,511   |
| <i>Domestic—</i> |           |         |           |
| 1958.....        | 2,209,205 | 28,738  | 2,237,943 |
| 1957.....        | 2,519,568 | 10,134  | 2,529,702 |
| 1956.....        | 2,565,228 | 16,218  | 2,581,446 |
| 1955.....        | 2,312,031 | 8,547   | 2,320,578 |
| 1954.....        | 2,415,997 | 37,005  | 2,453,002 |
| <i>Total—</i>    |           |         |           |
| 1958.....        | 2,472,472 | 782,547 | 3,255,019 |
| 1957.....        | 2,828,022 | 589,349 | 3,417,371 |
| 1956.....        | 2,845,098 | 760,336 | 3,605,434 |
| 1955.....        | 2,498,311 | 492,441 | 2,990,752 |
| 1954.....        | 2,708,718 | 512,795 | 3,221,513 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Pulpwood  | Grain     | Petroleum<br>Oil, fuel | Paper,<br>newsprint | Coal,<br>bituminous | Gasoline | Sulphur | Calcium<br>Carbide | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Aluminum<br>in bars,<br>billets,<br>blocks,<br>ingots, pigs,<br>rods, sheets<br>or slabs | Iron or<br>Steel<br>Tubes,<br>Pipe<br>and<br>Fittings |
|------------------|-----------|-----------|------------------------|---------------------|---------------------|----------|---------|--------------------|--|--|---|
| <i>Foreign—</i>  |           |           |                        |                     |                     |          |         |                    |  |  |   |
| Inward—          |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        |           |           | 110,112                |                     | 75,814              | 9,563    | 35,276  |                    |  | 10,974   | 333   |
| 1957.....        |           |           | 36,146                 |                     | 208,744             | 13,718   | 28,827  |                    |  |  | 42  |
| Outward—         |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        |           | 497,064   | 5,711                  | 176,895             |                     |          |         | 28,117             | 21,950   | 6,416  | 6,682   |
| 1957.....        |           | 300,888   | 3,808                  | 185,574             |                     |          |         | 36,186             | 14,031   | 20,808   | 216   |
| <i>Domestic—</i> |           |           |                        |                     |                     |          |         |                    |  |  |   |
| Inward—          |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        | 1,418,283 | 496,455   | 147,900                |                     | 69,275              | 51,448   |         |                    |  |  |   |
| 1957.....        | 1,699,706 | 312,360   | 229,530                |                     | 207,447             | 48,866   |         |                    |  |  |   |
| Outward—         |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        |           | 9,325     | 11,844                 |                     |                     |          |         |                    |  | 916  | 514   |
| 1957.....        |           | 72        |                        |                     |                     |          |         |                    |  |  | 475   |
| <i>Totals—</i>   |           |           |                        |                     |                     |          |         |                    |  |  |   |
| Inward—          |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        | 1,418,283 | 496,455   | 258,012                |                     | 145,089             | 61,011   | 35,276  |                    |  | 10,974   | 333   |
| 1957.....        | 1,699,706 | 312,360   | 265,676                |                     | 416,191             | 62,584   | 28,827  |                    |  |  | 42  |
| Outward—         |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        |           | 506,389   | 17,555                 | 176,895             |                     |          |         | 28,117             | 21,950   | 6,416  | 7,196   |
| 1957.....        |           | 300,960   | 3,808                  | 185,574             |                     |          |         | 36,186             | 14,031   | 21,724   | 691   |
| <i>Total—</i>    |           |           |                        |                     |                     |          |         |                    |  |  |   |
| 1958.....        | 1,418,283 | 1,002,844 | 275,567                | 176,895             | 145,089             | 61,011   | 35,276  | 28,117             | 21,950   | 17,390   | 7,529   |
| 1957.....        | 1,699,706 | 613,320   | 269,484                | 185,574             | 416,191             | 62,584   | 28,827  | 36,186             | 14,031   | 21,724   | 733   |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Salt  | Cotton,<br>raw | Aluminum<br>Manu-<br>facturers<br>not<br>otherwise<br>specified | Coal,<br>anthracite | Wallboard | Iron or<br>Steel<br>Wire<br>and<br>Wire<br>Manu-<br>factures | Pulpboard<br>(except<br>Wallboard) | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|---|-------|----------------|---|---------------------|-----------|--|------------------------------------|---|-----------|
| <i>Foreign—</i>  |   |       |                |   |                     |           |  |                                    |   |           |
| Inward—          |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 5,477   | 6,695 | 4,780          |   | 2,685               |           | 976  |                                    | 582   | 263,267   |
| 1957.....        | 840   | 6,711 |                |   | 4,427               |           | 684  |                                    | 8,315   | 308,454   |
| Outward—         |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 274   |       |                | 2,726   |                     | 144       |  | 730                                | 9,518   | 753,809   |
| 1957.....        |   |       |                |   |                     |           |  |                                    | 17,286  | 579,215   |
| <i>Domestic—</i> |   |       |                |   |                     |           |  |                                    |   |           |
| Inward—          |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 2,234   |       |                |   |                     | 1,061     |  |                                    | 22,549  | 2,209,205 |
| 1957.....        | 1,811   |       |                |   |                     | 1,373     |  |                                    | 18,475  | 2,519,568 |
| Outward—         |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        |   |       |                |   |                     |           |  |                                    | 7,055   | 28,738    |
| 1957.....        |   |       |                |   |                     |           |  |                                    | 8,671   | 10,134    |
| <i>Totals—</i>   |   |       |                |   |                     |           |  |                                    |   |           |
| Inward—          |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 7,711   | 6,695 | 4,780          |   | 2,685               | 1,061     | 976  |                                    | 23,131  | 2,472,472 |
| 1957.....        | 2,651   | 6,711 |                |   | 4,427               | 1,373     | 684  |                                    | 26,790  | 2,828,022 |
| Outward—         |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 274   |       |                | 2,726   |                     | 144       |  | 730                                | 16,573  | 782,547   |
| 1957.....        |   |       |                |   |                     |           |  |                                    | 25,957  | 589,349   |
| Total            |   |       |                |   |                     |           |  |                                    |   |           |
| 1958.....        | 7,711   | 6,695 | 4,780          | 2,726   | 2,685               | 1,061     | 976  | 730                                | 39,704  | 3,255,019 |
| 1957.....        | 2,925   | 6,711 |                |   | 4,427               | 1,517     | 684  |                                    | 52,747  | 3,417,371 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1958, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1958.....         | 16,971,335 | 17,068,584 | 34,039,919 |
| 1957.....         | 10,628,779 | 10,108,534 | 20,737,313 |
| 1956.....         | 15,592,077 | 16,783,713 | 32,375,790 |
| 1955.....         | 9,868,351  | 9,520,286  | 19,388,637 |
| 1954.....         | 8,558,423  | 8,842,656  | 17,401,079 |
| <i>Via rail—</i>  |            |            |            |
| 1958.....         | 22,329     | 110,554    | 132,883    |
| 1957.....         | 1,563,352  | 224,872    | 1,788,224  |
| 1956.....         | 2,865,643  | 214,046    | 3,079,689  |
| 1955.....         | 24,960     | 108,267    | 133,227    |
| 1954.....         | 3,972,955  | 3,000      | 3,975,955  |
| <i>Via other—</i> |            |            |            |
| 1958.....         |            | 861,440    | 861,440    |
| 1957.....         |            | 747,082    | 747,082    |
| 1956.....         |            | 638,837    | 638,837    |
| 1955.....         |            | 487,016    | 487,016    |
| 1954.....         |            | 251,690    | 251,690    |
| <i>Total—</i>     |            |            |            |
| 1958.....         | 16,993,664 | 18,040,578 | 35,034,242 |
| 1957.....         | 12,192,131 | 11,080,488 | 23,272,619 |
| 1956.....         | 18,457,720 | 17,636,596 | 36,094,316 |
| 1955.....         | 9,893,311  | 10,115,569 | 20,008,880 |
| 1954.....         | 12,531,378 | 9,097,346  | 21,628,724 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Ordinary maintenance and repairs were carried out at a cost of \$35,093. This provided for the general maintenance of all wharves, piers, sheds, roads and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,235,768, of which \$1,201 was provided from replacement fund and \$225,143 from revenues. The work consisted of:—

*Construction of Shed No. 11.*—A contract was awarded to Cambrian Construction Limited in May, 1957, for the construction of a steel frame transit shed at section 11, 550 feet long by 100 feet wide, with corrugated aluminum sheathing. The work was completed in July, 1958.

*Construction of Wharf Extension at Section 20.*—In May, 1958, a contract was awarded to The Foundation Company of Canada Limited, for the construction of a 550-foot extension to the wharf at section 20. The work was completed in December, 1958.

*Bituminous Paving at Sections 10, 11 and 12.*—Regional Asphalt Limited were awarded a contract in August, 1958, for the paving of roadways, accesses to sheds, and aprons at sections 10, 11 and 12. The work was completed in September, 1958.



## INCOME AND EXPENSE

Operating income amounted to \$414,098 as compared with \$406,177 in 1957, while operating expenses were \$77,117 as against \$69,407 in the previous year. Net operating income was \$336,981, as compared with \$336,770 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$212,539 in 1958, as compared with a surplus of \$201,415 in the previous year.

# Harbour of Three Rivers

## BALANCE SHEET AS AT DECEMBER 31, 1958

### ASSETS

|  |            |
|--|------------|
| CURRENT—   |            |
| Cash.....  | \$ 179,140 |
| Accounts Receivable.....   | 8,717      |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 406        |
| Accrued Income.....  | 27,354     |
|  | <u>\$</u>  |
|  | 215,617    |

|   |                  |
|---|------------------|
| CONTRACTORS' SECURITY DEPOSITS.....                     | 63,055           |
| RESERVE FUNDS—  |                  |
| (Cash, \$20,427; bonds, at amortized cost, \$2,191,145) |                  |
| Replacement of Capital Assets.....                      | 2,077,573        |
| Fire and General Insurance.....                         | 93,027           |
| Special Maintenance.....                                | 40,972           |
|   | <u>2,211,572</u> |

### CAPITAL ASSETS—

|                                      |                  |
|--------------------------------------|------------------|
| (At cost or estimated cost).....     |                  |
| Real Estate.....                     | 61,790           |
| Roads, Fences and Boundaries.....    | 66,932           |
| Miscellaneous Structures.....        | 1,281            |
| Wharves and Piers.....               | 4,542,265        |
| Permanent Sheds.....                 | 1,666,612        |
| Railway System.....                  | 26,611           |
| Office Furniture and Appliances..... | 2,770            |
| Electric Power System.....           | 11,513           |
| Water Supply System.....             | 12,392           |
| Shore Equipment.....                 | 2,153            |
| Miscellaneous Small Plant.....       | 2,990            |
| Works under Construction.....        | 1,007,943        |
|                                      | <u>7,403,252</u> |

### LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 1,210       |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 40,535         |
| CONTRACTORS' HOLDBACKS.....                    | 94,482         |
| DEFERRED INCOME.....                           | 39,932         |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   | 63,055         |
|  | <u>239,214</u> |

PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—  
Assets transferred to the Board on its establishment,  
and subsequently.....\$ 693,807  
Loans and Advances.....5,159,790

### Reserves—

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | \$ 2,077,573     |
| Fire and General Insurance.....    | 93,027           |
| Special Maintenance.....           | 40,972           |
|                                    | <u>2,211,572</u> |
|                                    | 8,065,169        |

### Add: Surplus—

|                                   |           |
|-----------------------------------|-----------|
| Balance at Beginning of Year..... | 1,376,521 |
| Add: Prior Years Adjustments..... | 53        |

Net Income for the Year, per statement of  
Income and Expense.....212,539

|                             |                  |
|-----------------------------|------------------|
| Balance at End of Year..... | \$ 1,589,113     |
|                             | <u>9,654,282</u> |

\$ 9,893,496

\$ 9,893,496

## HARBOUR OF THREE RIVERS

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

## OPERATING INCOME—

## Harbour—

|                       |           |        |
|-----------------------|-----------|--------|
| Harbour Dues.....     | \$ 12,328 |        |
| Property Rentals..... | 2,879     |        |
|                       | <u>\$</u> | 15,207 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 177,288 |         |
| Dockage.....             | 47,091  |         |
| Wharf Space Rentals..... | 85,161  |         |
|                          | <u></u> | 309,540 |

## Permanent Sheds—

|                             |           |         |
|-----------------------------|-----------|---------|
| Shed Rentals.....           | 84,713    |         |
| Miscellaneous Services..... | 4,638     |         |
|                             | <u>\$</u> | 414,098 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|  |         |        |
|--|---------|--------|
| Harbour (including \$20,000 for dredging)..... | 33,624  |        |
| Wharves and Piers.....                         | 3,340   |        |
| Permanent Sheds.....                           | 10,050  |        |
| Miscellaneous Services.....                    | 2,610   |        |
|  | <u></u> | 49,624 |

## Administrative—

|  |         |               |
|--|---------|---------------|
| Salaries.....  | 18,678  |               |
| Contributions to Public Service Superannuation Account.... | 1,466   |               |
| Office Expenses.....                                       | 1,037   |               |
| Miscellaneous.....   | 6,312   |               |
|  | <u></u> | 27,493        |
|  |         | <u>77,117</u> |

NET OPERATING INCOME..... 336,981

## ADD: OTHER INCOME—

|   |                |
|---|----------------|
| Income from Investments (less \$4,843 transferred to Reserves other than that for Replacement of Capital Assets)..... | 74,996         |
|   | <u>411,977</u> |

## DEDUCT: SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 119,951 |         |
| Provision for Replacement of Capital Assets.....  | 79,487  |         |
|   | <u></u> | 199,438 |

NET INCOME..... \$ 212,539

## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 63 miles of terminal railway operated by the National Harbours Board. The harbour is usually open to navigation from early April to about the middle of December. The Board operates main piers, wharves and jetties providing 125 berths, totalling about 11 miles of berthing accommodations; 34 transit sheds, with an aggregate floor area of 2,700,000 square feet; also 4 grain elevators, with a total storage capacity of 16,762,000 bushels, and 4 miles of grain conveyor galleries; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 6 locomotive cranes are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 6,002                   | 10,854,572                   |
| 1957.....          | 5,426                   | 9,738,951                    |
| 1956.....          | 5,685                   | 10,141,530                   |
| 1955.....          | 5,227                   | 9,133,529                    |
| 1954.....          | 5,104                   | 9,099,820                    |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 5,982                   | 10,841,614                   |
| 1957.....          | 5,420                   | 9,731,126                    |
| 1956.....          | 5,701                   | 10,154,025                   |
| 1955.....          | 5,209                   | 9,117,928                    |
| 1954.....          | 5,102                   | 9,094,594                    |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958              |                        | 1957              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,637             | 7,260,796              | 2,253             | 6,378,636              |
| Coastal or inland commercial (including fishery)..... | 3,306             | 3,575,873              | 3,086             | 3,329,822              |
| Other.....  | 59                | 17,903                 | 87                | 30,493                 |
| Total.....  | 6,002             | 10,854,572             | 5,426             | 9,738,951              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 2,624             | 7,234,477              | 2,253             | 6,406,725              |
| Coastal or inland commercial (including fishery)..... | 3,305             | 3,590,294              | 3,077             | 3,291,688              |
| Other.....  | 53                | 16,843                 | 90                | 32,713                 |
| Total.....  | 5,982             | 10,841,614             | 5,420             | 9,731,126              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1958.....        | 4,853,051 | 4,827,990 | 9,681,041  |
| 1957.....        | 4,585,523 | 4,136,739 | 8,722,262  |
| 1956.....        | 5,034,543 | 5,280,573 | 10,315,116 |
| 1955.....        | 4,167,912 | 3,925,740 | 8,093,652  |
| 1954.....        | 4,657,381 | 4,092,333 | 8,749,714  |
| <i>Domestic—</i> |           |           |            |
| 1958.....        | 4,610,932 | 3,463,051 | 8,073,983  |
| 1957.....        | 3,485,986 | 3,652,536 | 7,138,522  |
| 1956.....        | 4,249,803 | 3,863,916 | 8,113,719  |
| 1955.....        | 4,182,747 | 3,564,167 | 7,746,914  |
| 1954.....        | 4,202,578 | 3,206,131 | 7,408,709  |
| <i>Total—</i>    |           |           |            |
| 1958.....        | 9,463,983 | 8,291,041 | 17,755,024 |
| 1957.....        | 8,071,509 | 7,789,275 | 15,860,784 |
| 1956.....        | 9,284,346 | 9,144,489 | 18,428,835 |
| 1955.....        | 8,350,659 | 7,489,907 | 15,840,566 |
| 1954.....        | 8,859,959 | 7,298,464 | 16,158,423 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Petroleum<br>Oil,<br>fuel | Coal,<br>bituminous | Petroleum<br>Oil,<br>crude | Gasoline  | Motor<br>Vehicles<br>and<br>Parts | Sugar,<br>raw | Flour,<br>wheat | Gypsum,<br>crude | Iron<br>Ore | Cement,<br>common<br>or<br>portland |
|------------------|-----------|---------------------------|---------------------|----------------------------|-----------|-----------------------------------|---------------|-----------------|------------------|-------------|-------------------------------------|
| <i>Foreign—</i>  |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| Inward—          |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 360,283   | 404,682                   | 142,154             | 1,253,769                  | 95,404    | 468,838                           | 422,253       | .....           | 18,016           | 63,660      | 11,479                              |
| 1957.....        | 279,896   | 403,383                   | 211,948             | 1,100,296                  | 123,523   | 233,111                           | 380,866       | 39              | .....            | 45,371      | 15,960                              |
| Outward—         |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 3,018,972 | 49,136                    | .....               | 18,996                     | 3,007     | 20,140                            | .....         | 347,863         | .....            | 79,239      | 67                                  |
| 1957.....        | 1,996,810 | 88,733                    | .....               | .....                      | 5,024     | 41,347                            | .....         | 257,861         | .....            | 22,747      | 5,258                               |
| <i>Domestic—</i> |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| Inward—          |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 2,413,197 | 90,097                    | 1,030,954           | 21,039                     | 24,414    | 400                               | .....         | 201             | 294,581          | .....       | .....                               |
| 1957.....        | 1,721,944 | 168,292                   | 1,166,834           | .....                      | 93,561    | 540                               | .....         | 57              | 264,405          | .....       | .....                               |
| Outward—         |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 10        | 1,623,955                 | 201,005             | 233,463                    | 829,315   | 2,906                             | 22,512        | 6,466           | 1,714            | .....       | 127,436                             |
| 1957.....        | 462       | 2,121,595                 | 730                 | 64,810                     | 873,748   | 3,845                             | .....         | 4,229           | 19,180           | 11,424      | 92,296                              |
| <i>Totals—</i>   |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| Inward—          |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 2,773,480 | 494,779                   | 1,773,108           | 1,274,808                  | 119,818   | 469,238                           | 422,253       | 201             | 312,597          | 63,660      | 11,479                              |
| 1957.....        | 2,001,840 | 571,675                   | 1,378,782           | 1,100,296                  | 217,084   | 233,651                           | 380,866       | 96              | 264,405          | 45,371      | 15,960                              |
| Outward—         |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 3,018,982 | 1,673,091                 | 201,005             | 252,459                    | 832,322   | 23,136                            | 22,512        | 354,329         | 1,714            | 79,239      | 127,503                             |
| 1957.....        | 1,997,272 | 2,210,328                 | 730                 | 64,810                     | 878,772   | 45,192                            | .....         | 262,090         | 19,180           | 34,171      | 97,554                              |
| Total—           |           |                           |                     |                            |           |                                   |               |                 |                  |             |                                     |
| 1958.....        | 5,792,462 | 2,167,870                 | 1,974,113           | 1,527,267                  | 952,140   | 492,374                           | 444,765       | 354,530         | 314,311          | 142,899     | 138,982                             |
| 1957.....        | 3,999,112 | 2,782,003                 | 1,376,512           | 1,165,106                  | 1,095,866 | 278,843                           | 380,866       | 262,186         | 283,585          | 79,542      | 113,514                             |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron or<br>Steel, in<br>billets,<br>blooms,<br>ingots,<br>pigs,<br>sheet bars<br>or slabs | Molasses | Sulphur | Nickel<br>and<br>Nickel<br>Manu-<br>factures | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip<br>and<br>Tin Plate | Copper,<br>refined<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots or<br>slabs | Petroleum<br>Oil,<br>refined,<br>not<br>otherwise<br>specified | Fluorspar | Iron or<br>Steel<br>Tubes,<br>Pipes<br>and<br>Fittings | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) |
|------------------|---|----------|---------|--|--|---|--|-----------|--|--|---|
| <i>Foreign—</i>  |   |          |         |  |  |   |  |           |  |  |   |
| Inward—          |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 59,223  | 97,934   | 58,985  | 118  | 86,349   | 113   | 549  | 54,631    | 64,608   | 8,428  | 14  |
| 1957.....        | 143,808   | 49,876   | 14,109  | 188  | 64,370   | .....   | 21,747   | 47,555    | 68,523   | 13,243   | .....   |
| Outward—         |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 52,500  | .....    | 56,920  | 115,577                                      | 12,875   | 100,433   | 2,982  | 32,527    | 926  | 82,333   | 78,913  |
| 1957.....        | 193,126   | .....    | .....   | 17,629                                       | 23,335   | 74,070  | 2,256  | 43,413    | 4,261  | 127,712  | 118,387   |
| <i>Domestic—</i> |   |          |         |  |  |   |  |           |  |  |   |
| Inward—          |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 14,130  | .....    | .....   | .....  | .....  | .....   | 3,160  | .....     | 150  | 323  | .....   |
| 1957.....        | .....   | .....    | .....   | .....  | 21   | .....   | 7,094  | .....     | .....  | 4  | .....   |
| Outward—         |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 1   | 23,697   | .....   | .....  | 2,120  | 9   | 91,793   | 9,854     | 26,261   | 432  | 1,727   |
| 1957.....        | .....   | 22,411   | .....   | .....  | 1,559  | .....   | 93,319   | .....     | 1,047  | 277  | 1,887   |
| <i>Totals—</i>   |   |          |         |  |  |   |  |           |  |  |   |
| Inward—          |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 73,353  | 97,934   | 58,985  | 118  | 86,349   | 113   | 3,709  | 54,631    | 64,758   | 8,751  | 14  |
| 1957.....        | 143,808   | 49,876   | 14,109  | 188  | 64,391   | .....   | 28,841   | 47,555    | 68,523   | 13,247   | .....   |
| Outward—         |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 52,501  | 23,697   | 56,920  | 115,577                                      | 14,995   | 100,492   | 94,775   | 42,381    | 27,187   | 82,765   | 80,640  |
| 1957.....        | 193,126   | 22,411   | .....   | 17,629                                       | 24,894   | 74,070  | 101,575  | 43,413    | 5,308  | 127,989  | 120,274   |
| Total—           |   |          |         |  |  |   |  |           |  |  |   |
| 1958.....        | 125,854   | 121,631  | 115,905 | 115,695                                      | 101,344  | 100,605   | 98,484   | 97,012    | 91,945   | 91,516   | 80,654  |
| 1957.....        | 336,934   | 72,287   | 14,109  | 17,817                                       | 89,285   | 74,070  | 130,416  | 90,968    | 73,831   | 141,236  | 120,274   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Machinery and Parts (except agricultural) | Iron or Steel Manu- factures not otherwise specified | Glass and Glass Manu- factures | Lumber (Planks, Boards and Flooring) and Square Timber | Iron or Steel scrap | Iron or Steel structural | Salt   | Phosphate Rock | Coal, anthracite | Milk, condensed evaporated or powdered | Wood-pulp |
|------------------|---|--|--------------------------------|--|---------------------|--------------------------|--------|----------------|------------------|--|-----------|
| <i>Foreign—</i>  |   |  |                                |  |                     |                          |        |                |                  |  |           |
| Inward—          |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 46,598                                    | 59,199   | 66,444                         | 3,962  | 21                  | 57,122                   | 61,968 | 47,346         | 43,619           | 27                                     | 628       |
| 1957.....        | 43,035                                    | 71,574   | 52,004                         | 2,131  | .....               | 98,286                   | 60,110 | 128,061        | 83,567           | 396                                    | 1,634     |
| Outward—         |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 23,001                                    | 7,501  | 1,113                          | 48,551   | 62,942              | 3,941                    | 27     | 5,087          | .....            | 30,569                                 | 37,424    |
| 1957.....        | 27,669                                    | 16,280   | 256                            | 55,817   | 292,712             | 2,936                    | 59     | .....          | 23               | 10,290                                 | 31,181    |
| <i>Domestic—</i> |   |  |                                |  |                     |                          |        |                |                  |  |           |
| Inward—          |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 710                                       | 159  | .....                          | 16,008   | 3,116               | .....                    | .....  | .....          | .....            | 1                                      | .....     |
| 1957.....        | 842                                       | 64   | 286                            | 9,569  | .....               | .....                    | .....  | .....          | .....            | 4                                      | .....     |
| Outward—         |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 4,615                                     | 7,371  | 2,923                          | 606  | .....               | 1,718                    | 3      | 5,824          | 20               | 11,753                                 | 23        |
| 1957.....        | 3,681                                     | 8,258  | 2,480                          | 672  | .....               | 2,625                    | 2      | 7,535          | 3,160            | 5,292                                  | 129       |
| <i>Totals—</i>   |   |  |                                |  |                     |                          |        |                |                  |  |           |
| Inward—          |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 47,308                                    | 59,358   | 66,444                         | 19,970   | 3,137               | 57,122                   | 61,968 | 47,346         | 43,619           | 28                                     | 628       |
| 1957.....        | 43,877                                    | 71,638   | 52,290                         | 11,710   | .....               | 98,286                   | 60,110 | 128,061        | 83,567           | 400                                    | 1,634     |
| Outward—         |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 27,616                                    | 14,872   | 4,036                          | 49,157   | 62,942              | 5,659                    | 30     | 10,911         | 20               | 42,322                                 | 37,447    |
| 1957.....        | 31,350                                    | 24,538   | 2,736                          | 56,489   | 292,712             | 5,561                    | 61     | 7,535          | 3,183            | 15,582                                 | 31,310    |
| <i>Total—</i>    |   |  |                                |  |                     |                          |        |                |                  |  |           |
| 1958.....        | 74,924                                    | 74,230   | 70,480                         | 69,127   | 66,079              | 62,781                   | 61,988 | 58,257         | 43,639           | 42,350                                 | 38,075    |
| 1957.....        | 75,227                                    | 96,176   | 55,026                         | 68,199   | 292,712             | 103,847                  | 60,171 | 135,596        | 80,750           | 15,982                                 | 32,944    |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Jute and Jute Manufactures | Cement Clinker | Benzol | Chrome Ore | Dry Goods not otherwise specified | Rubber, crude (including Latex) | Paper, newsprint | Fertilizers and Fertilizer Materials | Paper not otherwise specified | Beverages, alcoholic | Fruits, canned or preserved |
|------------------|----------------------------|----------------|--------|------------|-----------------------------------|---------------------------------|------------------|--------------------------------------|-------------------------------|----------------------|-----------------------------|
| <i>Foreign—</i>  |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| Inward—          |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 36,705                     | .....          | 14,248 | 34,248     | 30,150                            | 3,845                           | .....            | 30,254                               | 8,369                         | 19,394               | 26,503                      |
| 1957.....        | 29,615                     | .....          | 15,244 | 92,928     | 34,111                            | 3,784                           | 18               | 25,754                               | 7,646                         | 29,824               | 25,043                      |
| Outward—         |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 826                        | .....          | 6,346  | .....      | 2,820                             | 26,691                          | 29,631           | 75                                   | 17,221                        | 7,984                | 1,277                       |
| 1957.....        | 501                        | .....          | 2,915  | .....      | 4,199                             | 24,742                          | 26,237           | 3,397                                | 13,698                        | 7,017                | 431                         |
| <i>Domestic—</i> |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| Inward—          |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 3                          | 37,235         | 8,270  | .....      | 14                                | 17                              | 811              | .....                                | 5                             | .....                | 67                          |
| 1957.....        | .....                      | .....          | 7,467  | .....      | 7                                 | 34                              | .....            | .....                                | 5                             | .....                | 22                          |
| Outward—         |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 156                        | .....          | 6,110  | .....      | 699                               | .....                           | .....            | 4                                    | 3,256                         | 941                  | 49                          |
| 1957.....        | 2                          | .....          | .....  | 32,702     | 567                               | 46                              | .....            | 4                                    | 3,915                         | 476                  | 32                          |
| <i>Totals—</i>   |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| Inward—          |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 36,708                     | 37,235         | 22,518 | 34,248     | 30,164                            | 3,862                           | 811              | 30,254                               | 8,374                         | 19,394               | 26,570                      |
| 1957.....        | 29,615                     | .....          | 22,711 | 92,928     | 34,118                            | 3,818                           | 18               | 25,754                               | 7,651                         | 29,824               | 25,065                      |
| Outward—         |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 982                        | .....          | 12,456 | .....      | 3,519                             | 26,691                          | 29,631           | 79                                   | 20,477                        | 8,925                | 1,326                       |
| 1957.....        | 503                        | .....          | 2,915  | 32,702     | 4,766                             | 24,788                          | 26,237           | 3,401                                | 17,613                        | 7,493                | 463                         |
| <i>Total—</i>    |                            |                |        |            |                                   |                                 |                  |                                      |                               |                      |                             |
| 1958.....        | 37,690                     | 37,235         | 34,974 | 34,248     | 33,683                            | 30,553                          | 30,442           | 30,333                               | 28,851                        | 28,319               | 27,896                      |
| 1957.....        | 30,118                     | .....          | 25,626 | 125,630    | 38,884                            | 28,606                          | 26,255           | 29,155                               | 25,264                        | 37,317               | 25,528                      |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Confectionery | Manganese Ore | Pulpboard (except Wallboard) | Ferro-alloys | Aircraft and Parts | Iron or Steel Rails and Fastenings | Electrical Goods not otherwise specified | Clay   | Hides, Leather and Leather Manu-factures | Military Stores and otherwise specified | Vegetables, canned or preserved |
|------------------|---------------|---------------|------------------------------|--------------|--------------------|------------------------------------|--|--------|--|---|---------------------------------|
| <i>Foreign—</i>  |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| Inward—          |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 23,961        | 11,786        | 182                          | 3,030        | 1,299              | 90                                 | 12,953                                   | 19,933 | 8,326                                    | 2,118                                   | 8,584                           |
| 1957.....        | 17,359        | 4,438         | 71                           | 5,069        | 2,078              |                                    | 15,563                                   | 26,948 | 5,804                                    | 2,380                                   |                                 |
| Outward—         |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 680           | 4,256         | 20,228                       | 19,959       | 19,959             | 20,450                             | 5,929                                    | 130    | 10,659                                   | 16,477                                  | 5,298                           |
| 1957.....        | 942           | 4,438         | 22,303                       | 34,824       | 11,621             |                                    | 6,143                                    |        | 37,514                                   | 13,475                                  |                                 |
| <i>Domestic—</i> |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| Inward—          |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 7             |               |                              |              | 4                  |                                    | 53                                       |        | 203                                      |   | 42                              |
| 1957.....        |               |               |                              |              | 13                 |                                    | 18                                       |        | 7  | 23                                      |                                 |
| Outward—         |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 2,876         | 9,858         | 3,678                        | 3            | 15                 | 95                                 | 1,205                                    | 20     | 380                                      | 154                                     | 4,729                           |
| 1957.....        | 2,010         |               | 2,825                        | 63           | 3                  |                                    | 583                                      |        | 507                                      | 228                                     |                                 |
| <i>Totals—</i>   |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| Inward—          |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 23,968        | 11,786        | 182                          | 3,030        | 1,303              | 90                                 | 13,006                                   | 19,933 | 8,529                                    | 2,118                                   | 8,626                           |
| 1957.....        | 17,359        | 4,438         | 75                           | 5,069        | 2,091              |                                    | 15,581                                   | 26,948 | 5,871                                    | 2,403                                   |                                 |
| Outward—         |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 3,556         | 14,114        | 23,906                       | 19,962       | 19,974             | 20,545                             | 7,134                                    | 150    | 11,039                                   | 16,631                                  | 10,027                          |
| 1957.....        | 2,932         | 4,438         | 25,128                       | 34,887       | 11,624             |                                    | 6,726                                    |        | 38,021                                   | 13,703                                  |                                 |
| Total—           |               |               |                              |              |                    |                                    |  |        |  |   |                                 |
| 1958.....        | 27,524        | 25,900        | 24,088                       | 22,992       | 21,277             | 20,635                             | 20,140                                   | 20,083 | 19,568                                   | 18,749                                  | 18,653                          |
| 1957.....        | 20,311        | 8,876         | 25,203                       | 39,956       | 13,715             |                                    | 22,307                                   | 26,948 | 43,892                                   | 16,106                                  |                                 |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Settlers' Effects | Fruits and Fruit Products (including Juices) not otherwise specified | Vegetable Oils | Tea    | Rice   | Chemicals not otherwise specified | Copper and Copper Manufactures not otherwise specified | Zinc Spelter | Ores and Concentrates not otherwise specified | All Goods not otherwise specified | Total      |
|------------------|-------------------|--|----------------|--------|--------|-----------------------------------|--|--------------|---|-----------------------------------|------------|
| <i>Foreign—</i>  |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| Inward—          |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 10,739            | 17,660   | 12,348         | 17,964 | 17,890 | 12,988                            | 2,336  | 616          | 224   | 405,884                           | 4,853,051  |
| 1957.....        | 17,433            | 20,690   | 4,656          | 13,427 | 12,915 | 10,686                            | 615  | .....        | .....   | 402,744                           | 4,585,523  |
| Outward—         |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 7,708             | 368  | 5,638          | .....  | 5      | 4,698                             | 14,745   | 16,697       | 16,320  | 251,283                           | 4,827,990  |
| 1957.....        | 6,050             | 462  | 7,087          | .....  | .....  | 2,792                             | 52,887   | 7,854        | 17,697  | 308,321                           | 4,136,759  |
| <i>Domestic—</i> |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| Inward—          |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 14                | .....  | 136            | 2      | .....  | .....                             | 19   | .....        | .....   | 51,390                            | 4,610,932  |
| 1957.....        | 68                | .....  | 778            | .....  | .....  | 1                                 | 40   | .....        | .....   | 43,982                            | 3,485,986  |
| Outward—         |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 155               | 417  | 56             | 44     | 81     | 15                                | 270  | 3            | 9   | 138,151                           | 3,463,051  |
| 1957.....        | 173               | 494  | 37             | 31     | 77     | 477                               | 389  | .....        | .....   | 234,242                           | 3,052,536  |
| <i>Totals—</i>   |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| Inward—          |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 10,753            | 17,660   | 12,484         | 17,966 | 17,890 | 12,988                            | 2,355  | 616          | 224   | 457,274                           | 9,463,983  |
| 1957.....        | 17,501            | 20,690   | 5,434          | 13,427 | 12,915 | 10,687                            | 655  | .....        | .....   | 446,726                           | 8,071,509  |
| Outward—         |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 7,863             | 785  | 5,714          | 44     | 86     | 4,713                             | 15,015   | 16,700       | 16,329  | 439,434                           | 8,291,041  |
| 1957.....        | 6,223             | 956  | 7,124          | 31     | 77     | 3,269                             | 53,276   | 7,854        | 17,697  | 622,563                           | 7,789,275  |
| Total—           |                   |  |                |        |        |                                   |  |              |   |                                   |            |
| 1958.....        | 18,616            | 18,445   | 18,198         | 18,010 | 17,976 | 17,701                            | 17,370   | 17,316       | 16,553  | 896,708                           | 17,755,024 |
| 1957.....        | 23,724            | 21,646   | 12,558         | 13,458 | 12,992 | 13,956                            | 53,931   | 7,854        | 17,697  | 1,069,289                         | 15,860,784 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1958.....         | 85,534  | 80,284   | 165,818 |
| 1957.....         | 101,075 | 68,021   | 169,096 |
| 1956.....         | 85,154  | 57,674   | 142,828 |
| 1955.....         | 57,184  | 45,404   | 102,588 |
| 1954.....         | 42,170  | 31,025   | 73,195  |
| <i>Coastwise—</i> |         |          |         |
| 1958.....         | 25,413  | 27,161   | 52,574  |
| 1957.....         | 28,959  | 30,783   | 59,742  |
| 1956.....         | 33,356  | 32,483   | 65,839  |
| 1955.....         | 37,181  | 39,771   | 76,952  |
| 1954.....         | 39,262  | 39,619   | 78,881  |
| <i>Total—</i>     |         |          |         |
| 1958.....         | 110,947 | 107,445  | 218,392 |
| 1957.....         | 130,034 | 98,804   | 228,838 |
| 1956.....         | 118,510 | 90,157   | 208,667 |
| 1955.....         | 94,365  | 85,175   | 179,540 |
| 1954.....         | 81,432  | 70,644   | 152,076 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1958, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1958.....         | 101,499,112 | 106,969,849 | 208,468,961 |
| 1957.....         | 71,423,251  | 69,719,227  | 141,142,478 |
| 1956.....         | 100,092,500 | 118,784,980 | 218,877,480 |
| 1955.....         | 88,985,445  | 83,447,230  | 172,432,675 |
| 1954.....         | 104,004,050 | 95,549,726  | 199,553,776 |
| <i>Via rail—</i>  |             |             |             |
| 1958.....         | 22,405,404  | 9,184,926   | 31,590,330  |
| 1957.....         | 13,930,502  | 7,461,348   | 21,391,850  |
| 1956.....         | 36,451,122  | 8,839,915   | 45,291,037  |
| 1955.....         | 10,247,391  | 10,246,967  | 20,494,358  |
| 1954.....         | 9,735,532   | 12,296,443  | 22,031,975  |
| <i>Via other—</i> |             |             |             |
| 1958.....         | 357,653     | 9,459,752   | 9,817,405   |
| 1957.....         | 731,316     | 9,272,813   | 10,004,129  |
| 1956.....         | 236,154     | 6,887,850   | 7,124,004   |
| 1955.....         | 159,413     | 7,471,693   | 7,631,106   |
| 1954.....         | 131,069     | 5,686,377   | 5,817,446   |
| <i>Total—</i>     |             |             |             |
| 1958.....         | 124,262,169 | 125,614,527 | 249,876,696 |
| 1957.....         | 86,085,069  | 86,453,388  | 172,538,457 |
| 1956.....         | 136,779,776 | 134,512,745 | 271,292,521 |
| 1955.....         | 99,392,249  | 101,165,890 | 200,558,139 |
| 1954.....         | 113,870,651 | 113,532,546 | 227,403,197 |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1958, with comparison for 1957.

|  | 1958    | 1957    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 45,333  | 52,049  |
| Non-revenue cars.....  | 13,640  | 14,311  |
| Total.....   | 58,973  | 66,360  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 24,179  | 25,731  |
| Non-revenue cars.....  | 34,745  | 40,536  |
| Total.....   | 58,924  | 66,267  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  |         | 5       |
| Non-revenue cars.....  |         |         |
| Total.....   |         | 5       |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 2,516   | 4,976   |
| Non-revenue cars.....  |         |         |
| Total.....   | 2,516   | 4,976   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 72,028  | 82,761  |
| Non-revenue cars.....  | 48,385  | 54,847  |
| Total.....   | 120,413 | 137,608 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,684,967. The principal items were repairs to timber cribs, marine tower jetty, elevator No. 2; interior painting of transit sheds 4 and 14; replacement of 2 standard slip diamonds at sections 19 and 26; overhauling 2 diesel-electric locomotives; exterior painting of structural steel, old and new houses, elevator "B"; replacement of 30 elevator belts and 6,300 elevator buckets; waterproofing exterior walls and roof, elevator "B" annex; installation of safety equipment on passenger elevators in the grain elevators and cold storage warehouse; replacement of radius screw unit of floating crane; dry docking and repairing derrick No. 3 and one flat scow, and general maintenance of all harbour facilities and equipment.

## CAPITAL WORKS

Expenditures on capital account amounted to \$16,967,187, of which \$18,967 was provided from replacement fund. The principal items were:—

*Dredging Approach Channels, Sections 104 and 110.*—The construction of extensions to the Shell Oil and Montreal East wharves at sections 104 and 110 necessitated the dredging of the approach channels. Marine Industries Limited was awarded a contract in August, 1956, for this work. Approximately 74% of the work was completed by the end of 1958.

*Dredging Approach Channels, Sections 50-53, 58-61 and 62-65.*—The construction of extension of wharves at sections 50-53, 58-61 and 62-65 necessitated the dredging of the approach channels. A

contract for this work was awarded to Marine Industries Limited in June, 1957. The work was approximately 65% completed by the end of 1958.

*Construction of Wharf, Sections 62-65.*—The Canit Construction Limited was awarded a contract in August, 1957, for the construction at sections 62-65 of a 1,815-foot wharf of the concrete crib and copewall type. The work was completed in December.

*Extension of Wharf, Sections 94-96.*—In July, 1957, a contract was awarded to the The Foundation Company of Canada Limited for the construction of a 1,380-foot wharf at sections 94-96 by means of the concrete crib and copewall method. The work is scheduled for completion in October, 1959.

*Extension of Wharf, Sections 100-102.*—In October, 1958, an extension to the contract for the extension of wharf, sections 94-96, was awarded to The Foundation Company of Canada Limited to cover one crib extension to wharf at sections 100-102. The work was 70% completed in December.

*Extension of Wharf, Sections 53-55.*—A contract was awarded to J. D. Stirling Ltd., Miron Construction Limited, and Walsh-Canadian Construction Company Limited, in September, 1957, for the construction of a 920-foot long wharf at sections 53-55 by means of the concrete crib and copewall method. The work was completed by the end of 1958.

*Construction of Transit Shed No. 41.*—A contract was awarded to J. G. Fitzpatrick Limited, in February, 1958, for the construction of a single-storey steel-frame transit shed, 120 feet wide by 484 feet long, at section 41. The work was completed in October, 1958.

*Reconstruction of Transit Shed No. 6 Extension.*—J. G. Fitzpatrick Limited was awarded a contract in February, 1958, for the demolition of a single-storey extension to transit shed No. 6 and its replacement by a double-storey steel-frame transit shed 90 feet wide by 211 feet long as an extension to shed 6. The work was completed in October, 1958.

*Construction of Transit Shed, Sections 62-65.*—In September, 1958, a contract was awarded to Icanda Limited for the construction of pile foundations for transit shed at sections 62-65. The work was completed in December. A second contract was awarded in December to Charles Duranceau Ltee. for the construction of a single-storey steel-frame transit shed, 150 feet wide by 798 feet long. The work will commence early in 1959.

*Installation of Safety Gates on Freight Hoists.*—In February, 1958, a contract was awarded to J. & E. Hall Limited for the installation of safety gates on freight hoists. Due to unavailability of the hoists during the season of navigation only preliminary work was done on this contract.

*Pneumatic Clean-up Equipment.*—Two separate contracts were awarded to Simon Handling Engineers Limited for the supply and installation of pneumatic clean-up equipment for two marine towers at elevator B-1, two marine towers on Tarte Pier and two marine towers at elevator No. 1. The first contract was awarded in April, 1957, and the work was completed in December, 1958. The second contract was awarded in August, 1957, and the work will be completed in 1959.

*Automatic Scales for Grain Elevators.*—In September, 1956, Toledo Scale Company of Canada, Limited, was awarded a contract for the supply and supervision of erection of sixteen automatic scales for the grain elevators to be installed by Board forces. The erection of two scales in the scale tower at elevator No. 1 was completed in December, 1958. The erection of four scales in elevator B-1 has started and will be completed in March, 1959. Scales in scale tower on Tarte Pier will be installed in 1959; the work to be completed during the summer months.

*Construction of Elevator B-1 and Marine Towers.*—A contract was awarded to Pentagon Construction Co. Ltd., in October, 1957, for the construction of elevator B-1 and marine towers. The work is scheduled for completion for the opening of the 1959 season of navigation.

*Improvements to Grain Elevators Nos. 1 and 2.*—Pentagon Construction Co. Ltd. was awarded two contracts in connection with this work. The first contract was awarded in October, 1956, for improvements to galleries and receiving facilities inside elevator No. 1. The work was completed in December, 1958. The second contract was awarded in December, 1956, for the construction of two marine towers, with connecting tunnel, scale house and galleries outside elevator No. 1. The work was completed in December, 1958.

*Improvements to Grain Elevator System at and in the Vicinity of Elevator No. 3.*—A contract was awarded to E. G. M. Cape & Company (1956) Ltd., in August, 1957, for improvements to grain elevator No. 3 and the construction of new galleries. To this was added the demolition of sheds 46 and 47 on Tarte Pier and the construction of foundations for marine towers, receiving gallery and scale tower. The work was approximately 90% completed by the end of 1958.

*Construction of Marine Towers, Receiving Galleries and Scale Tower, Tarte Pier.*—In July, 1958, E. G. M. Cape & Company (1956) Ltd. was awarded a contract for the construction of two marine towers, receiving galleries and scale tower on Tarte Pier. The work is expected to be completed during the summer of 1959.

*Construction of Gallery No. 555 over Shed No. 46A and Extension of Gallery No. 48.*—In November, 1958, a contract was awarded to A. Janin & Company Limited for the construction of gallery No. 555 over shed No. 46A and extension of gallery No. 48. Only preliminary work was done in 1958.

*Extension to Main Office Building.*—Various contracts were awarded early in 1958 for the construction of a two-storey annex to the main office building, approximately 47 feet long by 23 feet wide, the ground floor to be used as a garage and the other floor as office accommodation. The work was completed in September.

*Extension of Water Supply System, Sections 40-42, Laurier Pier, and Section 110.*—A contract was awarded in August, 1958, to Louisbourg Construction Ltd., for the extension of water supply system at sections 40-42, Laurier Pier, and section 110. The work was completed in November.

*Changes to Electrical Sub-stations 1, 2 and 6.*—Consequent upon additional receiving and shipping facilities at elevators Nos. 1 and 2, additional power requirements were necessary. During 1957 tenders were called, and accepted, for the purchase of one switchboard installed by Board forces in sub-station No. 6 (formerly called No. 4) during 1958.



*Additional Power Requirements, Sub-stations 3 and 5.*—Consequent upon changes and additions to grain elevators Nos. 3 and "B" and new galleries on Tarte Pier, additional power requirements were necessary. During 1958 tenders were called, and accepted, for the purchase of power transformers and power distribution switchboards to be installed by Board forces during 1959.

*Installation of Quick-Freezing Equipment, Cold Storage Warehouse.*—In March, 1958, Mechanical Contractors Ltd. was awarded a contract for the supply and installation of quick-freezing equipment in the cold storage warehouse. The work was completed in November, 1958.

*Installation of Hand-Starting Compensators, Elevator "B".*—During 1957 tenders were called, and accepted, for the purchase of equipment for the installation of hand-starting compensators in elevator "B". The installation was completed by Board forces in September, 1958.

*Construction of Champlain Bridge.*—A number of contracts were awarded in connection with this work. Edouard Monette Ltee. was awarded two contracts. One in July, 1957, for the supplying and placing of fill material for the north approaches to the bridge. This contract was completed in April, 1958. The second contract was awarded in February, 1958, for the construction of a temporary causeway from the City of Montreal to Nuns' Island. The work was completed in July. Walsh-Canadian Construction Company Limited was awarded a contract in September, 1957, for the supplying and placing of fill for the roadway, south approach of the bridge. The work was completed in May, 1958. In July, 1958, The Foundation Company of Quebec Limited was awarded a contract for the construction of piers and abutments for Section 3 of bridge. Approximately 30% of the work was completed in 1958. A contract was awarded to Miron Construction Limited in September, 1958, for the supplying and placing of fill on Nuns' Island. Approximately 15% of the work was completed by the end of the year.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—installation of fire protection system in sheds Nos. 41 and 42; construction of offices in shed No. 13; construction of double vehicular ramp and gear-room in sheds Nos. 13-15; widening of the vehicular ramp between sheds Nos. 4 and 6; construction of an extension to the maintenance building at section 22; the purchase of four automobiles, six trucks, four steel flat cars and one welding machine.

## INCOME AND EXPENSE

Operating income amounted to \$9,319,870, as compared with \$8,670,352 in 1957, the increase being \$649,518, or 7.5%. Operating expenses were \$6,076,232, as compared with \$5,457,114 in 1957. Net operating income was \$3,243,638 in 1958, as against \$3,213,238 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$226,129, as compared with a surplus of \$678,974 in 1957.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.





# HARBOUR OF MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

(EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

### Harbour

|                       |           |         |
|-----------------------|-----------|---------|
| Harbour Dues.....     | \$ 73,127 |         |
| Property Rentals..... | 39,472    |         |
| Miscellaneous.....    | 9,313     |         |
|                       | <u>\$</u> | 121,912 |

### Wharves and Piers—

|                          |           |           |
|--------------------------|-----------|-----------|
| Top Wharfage.....        | 2,705,126 |           |
| Dockage.....             | 576,082   |           |
| Wharf Space Rentals..... | 335,437   |           |
| Miscellaneous.....       | 43,706    |           |
|                          | <u></u>   | 3,660,351 |

### Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 1,931,489 |           |
| Storage.....       | 973,847   |           |
| Miscellaneous..... | 241,291   |           |
|                    | <u></u>   | 3,146,627 |

### Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 388,173 |         |
| Miscellaneous..... | 94,421  |         |
|                    | <u></u> | 482,594 |

### Permanent Sheds—

|                    |         |         |
|--------------------|---------|---------|
| Shed Rentals.....  | 596,548 |         |
| Storage.....       | 35,887  |         |
| Miscellaneous..... | 1,012   |         |
|                    | <u></u> | 633,447 |

|                     |  |         |
|---------------------|--|---------|
| Railway System..... |  | 691,448 |
|---------------------|--|---------|

|                             |           |           |
|-----------------------------|-----------|-----------|
| Miscellaneous Services..... |           | 583,491   |
|                             | <u>\$</u> | 9,319,870 |

## OPERATING EXPENSES—

### Operation and Maintenance—

|  |           |           |
|--|-----------|-----------|
| Harbour (including \$39,563 for dredging)..... | 612,047   |           |
| Wharves and Piers.....                         | 155,012   |           |
| Grain Elevator System.....                     | 2,384,400 |           |
| Cold Storage System.....                       | 479,564   |           |
| Permanent Sheds.....                           | 238,856   |           |
| Railway System.....                            | 903,719   |           |
| Miscellaneous Services.....                    | 711,212   |           |
|  | <u></u>   | 5,484,810 |

### Administrative—

|  |         |                  |
|--|---------|------------------|
| Salaries.....  | 172,179 |                  |
| Contributions to Public Service Superannuation Account.... | 165,619 |                  |
| Office Expenses.....                                       | 17,550  |                  |
| Miscellaneous.....   | 236,074 |                  |
|  | <u></u> | 591,422          |
|  |         | <u>6,076,232</u> |

|                           |  |           |
|---------------------------|--|-----------|
| NET OPERATING INCOME..... |  | 3,243,638 |
|---------------------------|--|-----------|

## ADD: OTHER INCOME—

|  |         |         |
|--|---------|---------|
| Income from Investments (less \$78,637 transferred to reserves other than that for Replacement of Capital Assets)..... | 880,653 |         |
| Miscellaneous.....   | 34,047  |         |
|  | <u></u> | 914,700 |

4,158,338

## DEDUCT: SPECIAL CHARGES—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 2,733,392 |           |
| Provision for Replacement of Capital Assets.....  | 1,140,190 |           |
| Other.....  | 58,627    |           |
|   | <u></u>   | 3,932,209 |

|                 |    |         |
|-----------------|----|---------|
| NET INCOME..... | \$ | 226,129 |
|-----------------|----|---------|

## JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1958, with comparison for 1957.

|                              | 1958       | 1957       |
|------------------------------|------------|------------|
| Passengers in vehicles.....  | 12,474,977 | 13,621,014 |
| Automobiles (Passenger)..... | 9,810,181  | 9,593,114  |
| Trucks.....                  | 1,054,501  | 1,182,460  |
| Buses.....                   | 121,688    | 123,870    |
| All Others.....              | 126,288    | 127,450    |

## CAPITAL WORKS

*Construction of Roadways, Southern Approaches, Jacques Cartier Bridge.*—A contract was awarded to Charles Duranceau Ltee. in July, 1957, for the construction of roadways, southern approaches. The work is scheduled for completion in June, 1959.

*Mess Hall at Jacques Cartier Barracks.*—The construction of new southern approaches to Jacques Cartier Bridge necessitated demolition of part of the mess hall at Jacques Cartier Barracks. J. G. Fitzpatrick Limited was awarded a contract in April, 1958, to build a new structure, 214 feet by 57 feet, in a different location, as a replacement for the old mess hall. The work was completed in November.

*Construction of Foundations of Administration Building and Toll Plaza, Jacques Cartier Bridge.*—A contract was awarded to Charles Duranceau Ltee. in September, 1958, for the construction of foundations of administration building and toll plaza at the south shore end of Jacques Cartier Bridge. The project was approximately 50% completed at the end of the year.

*Widening Roadway, Upstream Side, Jacques Cartier Bridge.*—A contract was awarded to Dominion Bridge Company Limited in November, 1958, for the widening of the roadway on the upstream side of the bridge to provide an additional traffic lane. Approximately 5% of the work was completed in 1958.

*Electrical Installation for Toll Plaza, Jacques Cartier Bridge.*—The Canadian Comstock Company Limited was awarded a contract in December, 1958, for electrical installation for toll plaza, Jacques Cartier Bridge. The work is scheduled for completion in April, 1959.

## INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$2,104,794, as compared with \$2,228,438 in 1957. Operating and maintenance expenses were \$353,679, as compared with \$318,392 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus in 1958 of \$876,149, as compared with a surplus of \$1,015,832 in the previous year.

# Jacques Cartier Bridge—Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1958

### ASSETS

|  |            |
|--|------------|
| CURRENT—   |            |
| Cash.....  | \$ 511,226 |
| Accounts Receivable.....   | 24,320     |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 1,435      |
| Accrued Income.....  | 1,288      |
| Prepaid Expenses.....  | 5,097      |
|  | <u>\$</u>  |

|   |           |
|---|-----------|
| INVESTMENTS IN BONDS—                               |           |
| (At amortized cost, market value \$2,543,853))..... | 2,556,955 |

|                                     |         |
|-------------------------------------|---------|
| CONTRACTORS' SECURITY DEPOSITS..... | 150,915 |
|-------------------------------------|---------|

|   |         |
|---|---------|
| RESERVE FUNDS—  |         |
| (Cash, \$53,526; bonds, at amortized cost, \$472,635) |         |
| Special Maintenance.....                              | 526,161 |

|   |         |
|---|---------|
| DUE FROM THE PROVINCE OF QUEBEC—                              |         |
| Under agreement to share Jacques Cartier Bridge deficits..... | 744,425 |

|  |         |
|--|---------|
| DEFERRED CHARGE—   |         |
| Unamortized Balance of Bond discount and redemption expense..... | 664,449 |

|                                  |       |
|----------------------------------|-------|
| PRELIMINARY CAPITAL EXPENDITURES | 2,773 |
|----------------------------------|-------|

|  |                     |
|--|---------------------|
| CAPITAL ASSETS—                                |                     |
| (At cost)                                      |                     |
| Bridge Construction and Right-of-Way, etc..... | 20,907,371          |
|  | <u>\$26,096,415</u> |

### LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 59,535      |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 161,589        |
| CONTRACTORS' HOLDBACKS.....                    | 66,067         |
| DEFERRED INCOME.....                           | 7,417          |
| CONTRACTORS' SECURITY DEPOSITS (CONTRA).....   | 150,915        |
|  | <u>445,523</u> |

|   |               |
|---|---------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA— |               |
| Loans and Advances—                             |               |
| Capital Debt.....                               | \$ 14,926,000 |
| Deficit Debt.....                               | 6,489,605     |
| Interest in Arrears on Deficit Debt.....        | 6,696,211     |

|                                    |                   |
|------------------------------------|-------------------|
| RESERVES—                          |                   |
| Replacement of Capital Assets..... | \$ 4,459,082      |
| Special Maintenance.....           | 526,161           |
|                                    | <u>4,985,243</u>  |
|                                    | <u>33,097,059</u> |

|  |                  |
|--|------------------|
| DEDUCT: DEFICIT—   |                  |
| Balance at Beginning of Year.....  | 8,322,316        |
| Less: Net income for the year, per statement<br>of Income and Expense..... | 878,149          |
|  | <u>7,446,167</u> |

|                             |                      |
|-----------------------------|----------------------|
| Balance at End of Year..... | 25,650,892           |
|                             | <u>\$ 26,096,415</u> |



## JACQUES CARTIER BRIDGE—MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

## OPERATING INCOME—

|                      |              |              |
|----------------------|--------------|--------------|
| Bridge Tolls.....    | \$ 2,078,767 |              |
| Sundry Receipts..... | 26,027       | \$ 2,104,794 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                  |            |         |
|------------------|------------|---------|
| Operation.....   | \$ 205,238 |         |
| Maintenance..... | 102,964    | 308,202 |

## Administrative—

|  |        |        |
|--|--------|--------|
| Salaries.....  | 20,992 |        |
| Contributions to Public Service Superannuation Account.... | 5,094  |        |
| Office Expenses.....                                       | 1,765  |        |
| Miscellaneous.....   | 17,626 | 45,477 |

NET OPERATING INCOME..... 1,751,115

## ADD: OTHER INCOME—

|  |        |           |
|--|--------|-----------|
| Income from Investments (less \$19,129 transferred to Reserves)..... | 94,768 |           |
| Miscellaneous.....   | 3,149  | 97,917    |
|  |        | 1,849,032 |

## DEDUCT: SPECIAL CHARGES—

|  |         |         |
|--|---------|---------|
| Provision for Interest on Loans and Advances.....        | 744,890 |         |
| Provision for Replacement of Capital Assets.....         | 165,498 |         |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334  |         |
| Other.....   | 1,161   | 972,883 |

NET INCOME.....\$ 876,149

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with four travelling marine towers, each with a capacity of 35,000 bushels per hour, 5,400 linear feet of wharf and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1958, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1958.....         | 68,195,782 | 56,255,231 | 124,451,013 |
| 1957.....         | 42,909,666 | 31,979,317 | 74,888,983  |
| 1956.....         | 51,701,236 | 40,355,693 | 92,056,929  |
| 1955.....         | 41,392,406 | 31,013,544 | 72,405,950  |
| 1954.....         | 41,273,152 | 34,605,361 | 75,878,513  |
| <i>Via rail—</i>  |            |            |             |
| 1958.....         | 30,616     | 8,075,012  | 8,105,628   |
| 1957.....         | 12,495     | 7,600,996  | 7,613,491   |
| 1956.....         | 68,788     | 7,980,057  | 8,048,845   |
| 1955.....         | 45,555     | 8,258,090  | 8,303,645   |
| 1954.....         | 85,154     | 6,868,157  | 6,953,311   |
| <i>Via other—</i> |            |            |             |
| 1958.....         | 21,773     | 3,732,410  | 3,754,183   |
| 1957.....         |            | 3,232,983  | 3,232,983   |
| 1956.....         |            | 3,254,064  | 3,254,064   |
| 1955.....         |            | 2,026,598  | 2,026,598   |
| 1954.....         |            | 983,009    | 983,009     |
| <i>Total—</i>     |            |            |             |
| 1958.....         | 68,248,171 | 68,062,653 | 136,310,824 |
| 1957.....         | 42,922,161 | 42,813,296 | 85,735,457  |
| 1956.....         | 51,770,024 | 51,589,814 | 103,359,838 |
| 1955.....         | 41,437,961 | 41,298,232 | 82,736,193  |
| 1954.....         | 41,358,306 | 42,456,527 | 83,814,833  |

### MAINTENANCE

Maintenance and repairs were carried out at a cost of \$98,436. The principal items were replacement of two marine leg belts and one marine shipping loftier belt; renewal of signal system; completed replacement of rubbing timbers on docks; replacement of 25 bin floor doors; painting hopper spouts, and general maintenance of elevator and yards.

### INCOME AND EXPENSE

Operating income amounted to \$1,452,686, as compared with \$1,089,935 in 1957, an increase of \$362,751. Operating expenses were \$625,883, as against \$502,142 in the previous year. Net operating income was \$826,803 in 1958, as compared with \$587,793 in 1957, an increase of \$239,010.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$890,095 in 1958, as compared with \$581,561 in the previous year.

## Prescott Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1958

| ASSETS   |                  | LIABILITIES  |                     |
|--|------------------|--|---------------------|
| CURRENT—   |                  | ACCOUNTS PAYABLE—GENERAL.....  |                     |
| Cash.....  | \$ 617,939       |  | \$ 17,587           |
| Accounts Receivable.....   | 118,022          | DEFERRED INCOME.....   |                     |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 24,456           |  | 1,063               |
|  | <u>760,417</u>   | CONTRACTORS' SECURITY DEPOSITS (CONTRA).....                                   |                     |
|  |                  |  | <u>16,614</u>       |
| CONTRACTORS' SECURITY DEPOSITS.....                                | 16,614           |  | 35,264              |
| RESERVE FUNDS—   |                  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |                     |
| (Cash, \$21,536; bonds, at amortized cost, \$1,407,431)            |                  | Assets transferred to the Board on its establishment,<br>and subsequently..... |                     |
| Replacement of Capital Assets.....                                 | 1,428,967        |  | \$ 4,895,940        |
| PRELIMINARY CAPITAL EXPENDITURES.....                              | 923              | Reserves—  |                     |
|  |                  | Replacement of Capital Assets.....   |                     |
| CAPITAL ASSETS—  |                  |  | <u>1,688,443</u>    |
| (at cost or estimated cost)  |                  |  | 6,584,383           |
| Harbour Dredging.....  | 222,145          | Add: Surplus—  |                     |
| Real Estate.....   | 96,698           | Balance at Beginning of Year (Deficit).....                                    |                     |
| Roads, Fences and Boundaries.....                                  | 8,999            | Less: Net Income for the year, per Statement of In-<br>come and Expense.....   |                     |
| Wharves and Piers.....   | 739,115          |  | 890,095             |
| Railway System.....  | 373,249          |  |                     |
| Grain Elevator System.....   | 3,490,413        | Balance at End of Year (Surplus).....  |                     |
| Office Furniture and Appliances.....                               | 7,438            |  | <u>7,126,077</u>    |
| Miscellaneous Small Plant.....                                     | 10,723           |  |                     |
| Works under Construction.....                                      | 5,640            |  |                     |
|  | <u>4,954,420</u> |  |                     |
|  | \$ 7,161,341     |  | <u>\$ 7,161,341</u> |

# PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

### OPERATING INCOME—

#### Harbour—

|                       |    |       |
|-----------------------|----|-------|
| Property Rentals..... | \$ | 4,111 |
|-----------------------|----|-------|

#### Wharves and Piers—

|                   |    |        |
|-------------------|----|--------|
| Top Wharfage..... | \$ | 11,860 |
|-------------------|----|--------|

|              |  |       |
|--------------|--|-------|
| Dockage..... |  | 1,443 |
|--------------|--|-------|

|                    |  |     |
|--------------------|--|-----|
| Miscellaneous..... |  | 431 |
|--------------------|--|-----|

|  |  |               |
|--|--|---------------|
|  |  | <u>13,734</u> |
|--|--|---------------|

#### Grain Elevator System—

|                |  |         |
|----------------|--|---------|
| Elevation..... |  | 978,340 |
|----------------|--|---------|

|              |  |         |
|--------------|--|---------|
| Storage..... |  | 371,561 |
|--------------|--|---------|

|                    |  |        |
|--------------------|--|--------|
| Miscellaneous..... |  | 84,907 |
|--------------------|--|--------|

|  |  |                  |
|--|--|------------------|
|  |  | <u>1,434,808</u> |
|--|--|------------------|

|                     |  |    |
|---------------------|--|----|
| Railway System..... |  | 33 |
|---------------------|--|----|

|  |    |                  |
|--|----|------------------|
|  | \$ | <u>1,452,686</u> |
|--|----|------------------|

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                            |  |         |
|----------------------------|--|---------|
| Grain Elevator System..... |  | 566,082 |
|----------------------------|--|---------|

#### Administrative—

|               |  |        |
|---------------|--|--------|
| Salaries..... |  | 28,239 |
|---------------|--|--------|

|  |  |       |
|--|--|-------|
| Contributions to Public Service Superannuation Account.... |  | 6,054 |
|--|--|-------|

|                      |  |       |
|----------------------|--|-------|
| Office Expenses..... |  | 3,752 |
|----------------------|--|-------|

|                    |  |        |
|--------------------|--|--------|
| Miscellaneous..... |  | 21,756 |
|--------------------|--|--------|

|  |  |               |
|--|--|---------------|
|  |  | <u>59,801</u> |
|--|--|---------------|

|  |  |                |
|--|--|----------------|
|  |  | <u>625,883</u> |
|--|--|----------------|

|                           |  |                |
|---------------------------|--|----------------|
| NET OPERATING INCOME..... |  | <u>826,803</u> |
|---------------------------|--|----------------|

### ADD: OTHER INCOME—

|                              |  |         |
|------------------------------|--|---------|
| Income from Investments..... |  | 107,061 |
|------------------------------|--|---------|

|                    |  |        |
|--------------------|--|--------|
| Miscellaneous..... |  | 23,360 |
|--------------------|--|--------|

|  |  |                |
|--|--|----------------|
|  |  | <u>130,421</u> |
|--|--|----------------|

|  |  |                |
|--|--|----------------|
|  |  | <u>957,224</u> |
|--|--|----------------|

### DEDUCT: SPECIAL CHARGES—

|  |  |        |
|--|--|--------|
| Provision for Replacement of Capital Assets..... |  | 64,643 |
|--|--|--------|

|            |  |       |
|------------|--|-------|
| Other..... |  | 2,486 |
|------------|--|-------|

|  |  |               |
|--|--|---------------|
|  |  | <u>67,129</u> |
|--|--|---------------|

|                 |    |                       |
|-----------------|----|-----------------------|
| NET INCOME..... | \$ | <u><u>890,095</u></u> |
|-----------------|----|-----------------------|



## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs having an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1958, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1958.....         | 46,200,300 | 44,324,824 | 90,525,124  |
| 1957.....         | 33,778,759 | 31,358,705 | 65,137,464  |
| 1956.....         | 51,273,072 | 48,912,806 | 100,185,878 |
| 1955.....         | 41,563,498 | 40,850,947 | 82,414,445  |
| 1954.....         | 43,473,114 | 42,244,624 | 85,717,738  |
| <i>Via rail—</i>  |            |            |             |
| 1958.....         | 1,707      | 691,897    | 693,604     |
| 1957.....         |            | 651,876    | 651,876     |
| 1956.....         |            | 648,910    | 648,910     |
| 1955.....         | 2,000      | 699,562    | 701,562     |
| 1954.....         |            | 966,880    | 966,880     |
| <i>Via other—</i> |            |            |             |
| 1958.....         |            | 1,189,351  | 1,189,351   |
| 1957.....         |            | 1,428,538  | 1,428,538   |
| 1956.....         |            | 1,153,678  | 1,153,678   |
| 1955.....         |            | 541,772    | 541,772     |
| 1954.....         |            | 418,857    | 418,857     |
| <i>Total—</i>     |            |            |             |
| 1958.....         | 46,202,007 | 46,206,072 | 92,408,079  |
| 1957.....         | 33,778,759 | 33,439,119 | 67,217,878  |
| 1956.....         | 51,273,072 | 50,715,394 | 101,988,466 |
| 1955.....         | 41,565,498 | 42,092,281 | 83,657,779  |
| 1954.....         | 43,473,114 | 43,630,361 | 87,103,475  |

### MAINTENANCE

Ordinary maintenance and repairs were carried out at a total cost of \$84,078. The principal items were overhaul of buildings and equipment; re-building marine leg "D" housing; replacing lofter, marine leg and conveyor belts, and re-wiring lofter signal system.

### INCOME AND EXPENSE

Operating income amounted to \$906,324, as compared with \$732,607 in 1957. Operating expenses were \$527,868, the corresponding figure for 1957 being \$470,134.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$366,474 in 1958, as compared with \$225,075 in the previous year.

## Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | 269,171           |
| Accounts Receivable.....   | 43,366            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 76,790            |
| Prepaid Expenses.....  | 49                |
|  | <u>\$ 389,376</u> |

## RESERVE FUNDS—

|   |         |
|---|---------|
| (Cash, \$16,697; bonds, at amortized cost, \$513,789) |         |
| Replacement of Capital Assets.....                    | 530,486 |

## PRELIMINARY CAPITAL EXPENDITURES.....

16,807

## CAPITAL ASSETS—

|                                      |                  |
|--------------------------------------|------------------|
| (At cost or estimated cost)          |                  |
| Real Estate.....                     | 21,876           |
| Wharves and Piers.....               | 535,692          |
| Railway System.....                  | 42,189           |
| Grain Elevator System.....           | 2,047,305        |
| Office Furniture and Appliances..... | 9,958            |
| Miscellaneous Small Plant.....       | 33,977           |
|                                      | <u>2,690,997</u> |

\$ 3,627,666

## LIABILITIES

|   |              |
|---|--------------|
| ACCOUNTS PAYABLE—GENERAL.....   | \$ 8,427     |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—<br>Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 2,356,218 |

## Reserves—

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | 1,356,115        |
|                                    | <u>3,712,333</u> |

## Deduct: Deficit—

|  |               |
|--|---------------|
| Balance at Beginning of Year.....  | 459,568       |
| Less: Net Income for the year, per statement of<br>Income and Expense..... | 366,474       |
| Balance at End of Year.....  | <u>93,094</u> |

3,619,239

\$ 3,627,666

## PORT COLBORNE ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

## OPERATING INCOME—

## Harbour—

|                       |    |     |
|-----------------------|----|-----|
| Property Rentals..... | \$ | 444 |
|-----------------------|----|-----|

## Grain Elevator System—

|                    |    |         |         |
|--------------------|----|---------|---------|
| Elevation.....     | \$ | 622,911 |         |
| Storage.....       |    | 219,760 |         |
| Miscellaneous..... |    | 63,209  |         |
|                    |    |         | 905,880 |
|                    |    |         | 906,324 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 469,307 |
|----------------------------|---------|

## Administrative—

|   |    |        |         |
|---|----|--------|---------|
| Salaries.....   | \$ | 27,055 |         |
| Contributions to Public Service Superannuation Account..... |    | 11,589 |         |
| Office Expenses.....  |    | 3,539  |         |
| Miscellaneous.....  |    | 16,378 |         |
|   |    |        | 58,561  |
|   |    |        | 527,868 |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 378,456 |
|---------------------------|---------|

## ADD: OTHER INCOME—

|                              |        |         |
|------------------------------|--------|---------|
| Income from Investments..... | 28,190 |         |
| Miscellaneous.....           | 4,122  |         |
|                              |        | 32,312  |
|                              |        | 410,768 |

## DEDUCT: SPECIAL CHARGES—

|  |        |        |
|--|--------|--------|
| Provision for Replacement of Capital Assets..... | 42,274 |        |
| Other.....                                       | 2,020  |        |
|  |        | 44,294 |

|                 |    |         |
|-----------------|----|---------|
| NET INCOME..... | \$ | 366,474 |
|-----------------|----|---------|

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 2,055 linear feet of wharf providing 4 deepsea berths, with a depth of water alongside of 30 feet at low tide, and 1 berth for coastal shipping with a minimum depth of 15 feet at low tide; a steel transit shed 476 feet long by 173 feet wide; a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of 3 ships at a time; railway tracks along the wharf; a locomotive crane of 15 tons capacity; a floating crane of 10 tons capacity, and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number of<br>Vessels | Net Registered<br>Tonnage |
|--------------------|----------------------|---------------------------|
| <i>Arrivals—</i>   |                      |                           |
| 1958.....          | 83                   | 257,249                   |
| 1957.....          | 66                   | 197,829                   |
| 1956.....          | 67                   | 186,772                   |
| 1955.....          | 66                   | 160,287                   |
| 1954.....          | 53                   | 149,222                   |
| <i>Departures—</i> |                      |                           |
| 1958.....          | 83                   | 257,249                   |
| 1957.....          | 66                   | 197,829                   |
| 1956.....          | 67                   | 186,922                   |
| 1955.....          | 66                   | 160,287                   |
| 1954.....          | 54                   | 149,227                   |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958                    |                              | 1957                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 59                      | 233,415                      | 47                      | 188,021                      |
| Coastal or inland commercial (including fishery)..... | 24                      | 23,834                       | 19                      | 9,808                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 83                      | 257,249                      | 66                      | 197,829                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 59                      | 233,415                      | 47                      | 188,021                      |
| Coastal or inland commercial (including fishery)..... | 24                      | 23,834                       | 19                      | 9,808                        |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 83                      | 257,249                      | 66                      | 197,829                      |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1958.....        | 33,421 | 592,851 | 626,272 |
| 1957.....        | 21,043 | 498,280 | 519,323 |
| 1956.....        | 2,589  | 487,510 | 490,099 |
| 1955.....        | 4,161  | 395,679 | 399,840 |
| 1954.....        | 4,622  | 374,544 | 379,166 |
| <i>Domestic—</i> |        |         |         |
| 1958.....        | 21,570 | 11,475  | 33,045  |
| 1957.....        | 180    | 6,242   | 6,422   |
| 1956.....        | 232    | 9,456   | 9,688   |
| 1955.....        | 3,518  | 7,128   | 10,709  |
| 1954.....        | 317    | 2,712   | 3,029   |
| <i>Total—</i>    |        |         |         |
| 1958.....        | 54,991 | 604,326 | 659,317 |
| 1957.....        | 21,223 | 504,522 | 525,745 |
| 1956.....        | 2,821  | 496,966 | 499,787 |
| 1955.....        | 7,742  | 402,807 | 410,549 |
| 1954.....        | 4,939  | 377,256 | 382,195 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1958, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1958.....         |            | 20,109,555 | 20,109,555 |
| 1957.....         |            | 16,770,206 | 16,770,206 |
| 1956.....         |            | 16,442,320 | 16,442,320 |
| 1955.....         |            | 13,175,257 | 13,175,257 |
| 1954.....         |            | 12,484,893 | 12,484,893 |
| <i>Via rail—</i>  |            |            |            |
| 1958.....         | 20,260,662 |            | 20,260,662 |
| 1957.....         | 16,898,942 | 99,000     | 16,997,942 |
| 1956.....         | 17,584,282 | 10,587     | 17,594,869 |
| 1955.....         | 15,075,776 | 145,156    | 15,220,932 |
| 1954.....         | 12,726,981 | 210,042    | 12,937,023 |
| <i>Via other—</i> |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| 1954.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1958.....         | 20,260,662 | 20,109,555 | 40,370,217 |
| 1957.....         | 16,898,942 | 16,869,207 | 33,768,148 |
| 1956.....         | 17,584,282 | 16,452,907 | 34,037,189 |
| 1955.....         | 15,075,776 | 13,320,413 | 28,396,189 |
| 1954.....         | 12,726,981 | 12,694,935 | 25,421,916 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a cost of \$162,861. The principal items were the complete overhauling of number 3 boiler in the powerhouse including the replacement of all tubes; sounding of the harbour to determine the extent of silting, if any; dredging of approximately 1,200 cubic yards in the lower sand cut; dredging along the face of the main wharf in berths No. 3 and No. 4; installation of a water line and booster pumps on elevator bin floor for fire fighting; connection of a salt water suction line for wharf pump-house fire pump; laying of a surface water line at north end of main wharf; construction of safety guards for elevator machinery; relocation of oil and steam lines from storage tank at lake pumphouse and construction of a turntable base, boom attachment fittings, A-frame, and miscellaneous work for skid-mounted dredging outfit; extending north sidetracks on slipway and the replacing of a sidetracking winch, and repairing grain elevator equipment and spouting.

## CAPITAL WORKS

Capital expenditures amounted to \$53,865, of which \$10,340 was provided from replacement fund and \$18,954 from revenues. The principal items were the purchase of a gasoline hoist; arc welder; Ford truck; milling machine; dockage tester, and the purchase and installation of elevator horns and two new elevator grain cleaners.

## INCOME AND EXPENSE

Operating income amounted to \$1,343,964, as compared with \$1,097,120 in 1957. Operating expenses were \$932,342, as against \$918,842 in the previous year. Net operating income was \$411,622 in 1958, as compared with \$178,278 in 1957.

After taking into account other income and deducting special charges, including interest on debt and provision for the replacement of capital assets, there was a net income surplus of \$87,235 in 1958, as compared with a deficit of \$135,941 in the previous year.

## Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

| CURRENT—   |            |
|--|------------|
| Cash.....  | \$ 551,060 |
| Accounts Receivable.....   | 47,240     |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 118,903    |
| Accrued Income.....  | 68,593     |
|  | <hr/>      |
|  | 785,796    |
| RESERVE FUNDS—   |            |
| (Cash \$30,397; bonds, at amortized cost, \$430,847)               |            |
| Replacement of Capital Assets.....                                 | 430,515    |
| Special Maintenance.....   | 30,729     |
|  | <hr/>      |
|  | 461,244    |

## LIABILITIES

| ACCOUNTS PAYABLE—GENERAL.....  | \$ 18,332     |
|--|---------------|
| DEFERRED INCOME.....   | 5,290         |
|  | <hr/>         |
|  | 23,622        |
| PROPRIETARY EQUITY OF THE GOVERNMENT<br>OF CANADA—                             |               |
| Assets transferred to the Board on its<br>establishment, and subsequently..... | \$ 12,867,802 |
| Loans and Advances.....  | 3,083,334     |
| Interest in Arrears on Loans and Advances.....                                 | 390,398       |
|  | <hr/>         |
|  | 16,341,534    |
| RESERVES—  |               |
| Replacement of Capital Assets.....   | \$ 5,164,173  |
| Special Maintenance.....   | 30,729        |
|  | <hr/>         |
|  | 5,194,902     |
|  | <hr/>         |
|  | 21,536,436    |
| DEDUCT: DEFICIT—   |               |
| Balance at Beginning of Year.....  | 4,543,167     |
| Add: Prior Years' Adjustments.....   | 10,382        |
|  | <hr/>         |
|  | 4,553,549     |
| Less: Net Income for the year, per statement<br>of Income and Expense.....     | 87,235        |
|  | <hr/>         |
| Balance at End of Year.....  | 4,466,314     |
|  | <hr/>         |
|  | 17,070,122    |

---



---

\$17,093,744

| CAPITAL ASSETS—                       |              |
|---------------------------------------|--------------|
| (At cost or Estimated Cost)           |              |
| Harbour Dredging.....                 | 952,699      |
| Real Estate.....                      | 60,278       |
| Miscellaneous Structures.....         | 149,833      |
| Wharves and Piers.....                | 1,492,830    |
| Permanent Sheds.....                  | 200,595      |
| Grain Elevator System.....            | 5,212,045    |
| Office Furniture and Appliances.....  | 6,802        |
| Harbour Buildings.....                | 719,561      |
| Harbour Shops.....                    | 20,668       |
| Electric Power System.....            | 885,042      |
| Water Supply System.....              | 441,053      |
| Floating Equipment.....               | 818,659      |
| Shore Equipment.....                  | 112,645      |
| Miscellaneous Small Plant.....        | 325,324      |
| Engineering—General Surveys.....      | 109,441      |
| Sundry Expenditure—Undistributed..... | 4,339,129    |
|                                       | <hr/>        |
|                                       | 15,846,704   |
|                                       | <hr/>        |
|                                       | \$17,093,744 |

## HARBOUR OF CHURCHILL

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 2,863          |           |
| Property Rentals..... | 26,433            |           |
| Miscellaneous.....    | 740               |           |
|                       | <u>          </u> | \$ 30,036 |

##### Wharves and Piers—

|                   |                   |        |
|-------------------|-------------------|--------|
| Top Wharfage..... | 52,160            |        |
| Dockage.....      | 12,610            |        |
|                   | <u>          </u> | 64,770 |

##### Grain Elevator System—

|                    |                   |           |
|--------------------|-------------------|-----------|
| Elevation.....     | 440,973           |           |
| Storage.....       | 284,274           |           |
| Miscellaneous..... | 277,513           |           |
|                    | <u>          </u> | 1,002,760 |

##### Permanent Sheds—

|              |       |  |
|--------------|-------|--|
| Storage..... | 2,776 |  |
|--------------|-------|--|

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 243,622           |              |
|                             | <u>          </u> | \$ 1,343,964 |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|  |                   |         |
|--|-------------------|---------|
| Harbour (including \$44,180 for dredging)..... | 101,994           |         |
| Wharves and Piers.....                         | 27,471            |         |
| Grain Elevator System.....                     | 471,461           |         |
| Permanent Sheds.....                           | 5,853             |         |
| Miscellaneous Services.....                    | 220,489           |         |
|  | <u>          </u> | 827,268 |

##### Administrative—

|  |                   |         |
|--|-------------------|---------|
| Salaries.....  | 55,724            |         |
| Contributions to Public Service Superannuation Account.... | 4,278             |         |
| Office Expenses.....                                       | 6,275             |         |
| Miscellaneous.....   | 38,797            |         |
|  | <u>          </u> | 105,074 |

932,342

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 411,622 |
|---------------------------|---------|

#### ADD: OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$479 transferred to Reserves other than that for Replacement of Capital Assets)..... | 21,321            |         |
| Miscellaneous.....  | 460               |         |
|   | <u>          </u> | 21,781  |
|   |                   | 433,403 |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 100,492           |         |
| Provision for Replacement of Capital Assets.....  | 238,527           |         |
| Other.....  | 7,149             |         |
|   | <u>          </u> | 346,168 |

|                 |           |
|-----------------|-----------|
| NET INCOME..... | \$ 87,235 |
|-----------------|-----------|



## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, Pacific Great Eastern, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 39 feet. The National Harbours Board has piers, wharves and jetties with about 9,500 linear feet of berthing, providing 17 deepsea berths and 3 berths for coastal shipping, also 6 transit sheds with an aggregate floor area of about 576,000 square feet. The Board's 4 grain elevators have a total storage capacity of 9,779,500 bushels, a combined loading capacity of about 200,000 bushels per hour and  $1\frac{1}{2}$  miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber. Three special wharves are also provided for the fishing industry, one being complete with a shed, a small ice plant and freezing equipment for processing fish. A 40-ton fixed derrick is installed on Lapointe Pier.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1958.....          | 30,123                  | 18,803,504                   |
| 1957.....          | 31,433                  | 21,169,505                   |
| 1956.....          | 33,031                  | 21,675,067                   |
| 1955.....          | 32,773                  | 20,136,443                   |
| 1954.....          | 32,981                  | 19,812,216                   |
| <i>Departures—</i> |                         |                              |
| 1958.....          | 29,735                  | 18,845,713                   |
| 1957.....          | 30,997                  | 21,147,711                   |
| 1956.....          | 32,788                  | 21,542,409                   |
| 1955.....          | 32,315                  | 20,121,377                   |
| 1954.....          | 32,357                  | 19,769,262                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1958, with comparison for 1957.

|   | 1958              |                        | 1957              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,467             | 6,397,988              | 1,565             | 6,679,188              |
| Coastal or inland commercial (including fishery)..... | 28,656            | 12,405,516             | 29,868            | 14,490,317             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>30,123</b>     | <b>18,803,504</b>      | <b>31,433</b>     | <b>21,169,505</b>      |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,496             | 6,487,177              | 1,555             | 6,638,388              |
| Coastal or inland commercial (including fishery)..... | 28,239            | 12,358,536             | 29,442            | 14,509,323             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>29,735</b>     | <b>18,845,713</b>      | <b>30,997</b>     | <b>21,147,711</b>      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1958, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1958.....        | 1,020,507 | 5,280,253 | 6,300,760  |
| 1957.....        | 1,377,832 | 6,503,139 | 7,880,971  |
| 1956.....        | 1,657,486 | 5,765,332 | 7,422,818  |
| 1955.....        | 1,296,580 | 3,835,817 | 5,132,397  |
| 1954.....        | 1,631,905 | 4,271,172 | 5,903,077  |
| <i>Domestic—</i> |           |           |            |
| 1958.....        | 3,388,647 | 1,940,224 | 5,328,871  |
| 1957.....        | 3,217,351 | 2,024,178 | 5,241,529  |
| 1956.....        | 3,638,407 | 2,300,079 | 5,938,486  |
| 1955.....        | 3,821,188 | 2,031,427 | 5,852,615  |
| 1954.....        | 3,650,004 | 1,935,994 | 5,585,998  |
| <i>Total—</i>    |           |           |            |
| 1958.....        | 4,409,154 | 7,220,477 | 11,629,631 |
| 1957.....        | 4,595,183 | 8,527,317 | 13,122,500 |
| 1956.....        | 5,295,893 | 8,065,411 | 13,361,304 |
| 1955.....        | 5,117,758 | 5,867,244 | 10,985,012 |
| 1954.....        | 5,281,909 | 6,207,166 | 11,489,075 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1958, with comparison for 1957.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Logs, Masts, Piling, Poles, Posts, Spars and Ties (railway) | Sand and Gravel | Lumber (Planks, Boards and Flooring) and Square Timber | Petroleum Oil, fuel | Gasoline | Pulpwood | Flour, wheat | Motor Vehicles and Parts | Paper, newsprint | Wood-pulp |
|------------------|-----------|---|-----------------|--|---------------------|----------|----------|--------------|--------------------------|------------------|-----------|
| <i>Foreign—</i>  |           |   |                 |  |                     |          |          |              |                          |                  |           |
| Inward—          |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | 1         | 2,848   | 30              | 8,981  | 113,413             | 17,421   | .....    | 1            | 122,122                  | 696              | 59        |
| 1957.....        | .....     | 674   | 264             | 7,435  | 213,913             | 17,514   | .....    | 1            | 108,269                  | 753              | 593       |
| Outward—         |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | 3,991,635 | 53,025  | .....           | 475,260  | 7,460               | 44,383   | 154,302  | 247,956      | 2,799                    | 4,588            | 9,295     |
| 1957.....        | 4,092,426 | 54,171  | .....           | 373,035  | 43,170              | 209,012  | 229,079  | 221,718      | 3,423                    | 9,953            | 9,367     |
| <i>Domestic—</i> |           |   |                 |  |                     |          |          |              |                          |                  |           |
| Inward—          |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | .....     | 955,862   | 947,600         | 557,758  | .....               | .....    | .....    | 1            | 45,143                   | 205,654          | 194,770   |
| 1957.....        | .....     | 879,825   | 901,843         | 499,849  | 14,941              | 1,185    | .....    | .....        | 42,539                   | 135,844          | 216,601   |
| Outward          |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | .....     | 81,589  | 115,091         | 9,176  | 462,018             | 287,215  | 140,021  | 100          | 50,954                   | 122              | 21        |
| 1957.....        | .....     | 102,518   | 140,815         | 20,784   | 487,784             | 285,030  | 6,438    | 68           | 52,688                   | 36               | .....     |
| <i>Totals—</i>   |           |   |                 |  |                     |          |          |              |                          |                  |           |
| Inward—          |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | 1         | 958,710   | 947,630         | 566,739  | 113,413             | 17,421   | .....    | 2            | 167,265                  | 206,350          | 194,829   |
| 1957.....        | .....     | 880,499   | 902,107         | 507,284  | 228,854             | 18,699   | .....    | 1            | 150,808                  | 136,597          | 217,104   |
| Outward—         |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | 3,991,635 | 134,614   | 115,091         | 484,436  | 469,478             | 331,598  | 294,323  | 248,056      | 53,753                   | 4,710            | 9,316     |
| 1957.....        | 4,092,426 | 156,689   | 140,815         | 393,319  | 530,954             | 494,042  | 235,517  | 221,786      | 56,111                   | 9,989            | 9,367     |
| Total—           |           |   |                 |  |                     |          |          |              |                          |                  |           |
| 1958.....        | 3,991,636 | 1,093,324   | 1,062,721       | 1,051,175  | 582,891             | 349,019  | 294,323  | 248,058      | 221,018                  | 211,060          | 204,145   |
| 1957.....        | 4,092,426 | 1,037,188   | 1,042,922       | 901,103  | 759,808             | 512,741  | 235,517  | 221,787      | 206,919                  | 146,586          | 226,561   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Cement,<br>common<br>or<br>portland | Hog<br>Fuel | Sugar,<br>raw | Machinery<br>and<br>Parts<br>(except<br>agricul-<br>tural) | Chemicals<br>not<br>otherwise<br>specified | Salt   | Coal,<br>bituminous | Rock<br>and<br>Stone | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Groceries<br>and<br>not<br>otherwise<br>specified | Fish<br>(including<br>Shell-fish,<br>canned or<br>preserved) |
|------------------|-------------------------------------|-------------|---------------|--|--|--------|---------------------|----------------------|--|---|--|
| <i>Foreign—</i>  |                                     |             |               |  |  |        |                     |                      |  |   |  |
| Inward—          |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 1,134                               |             | 90,582        | 14,490   | 16,843                                     | 68,601 |                     | 2,688                | 31,234   | 6,599   | 6,035  |
| 1957.....        | 15,495                              |             | 71,411        | 19,080   | 31,397                                     | 51,976 |                     | 1,234                | 33,802   | 6,901   | 4,226  |
| Outward—         |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        |                                     | 64,044      |               | 2,205  | 8,670                                      |        | 165                 |                      | 20,676   | 188   | 25,926   |
| 1957.....        | 66                                  | 17,918      |               | 2,790  | 12,358                                     |        | 1,697               |                      | 19,489   | 134   | 11,307   |
| <i>Domestic—</i> |                                     |             |               |  |  |        |                     |                      |  |   |  |
| Inward—          |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 177,243                             |             |               | 27,799   | 22   |        | 21,753              | 4,737                |  | 5,007   | 11,232   |
| 1957.....        | 195,900                             |             |               | 22,324   |  |        | 25,993              | 3,773                |  | 7,245   | 9,815  |
| Outward—         |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 7,423                               | 100,547     |               | 44,136   | 61,049                                     | 2,620  | 47,340              | 46,041               | 283  | 31,979  | 69   |
| 1957.....        | 11,750                              | 180,315     |               | 46,721   | 11,136                                     | 3,943  | 74,517              | 558                  | 66   | 26,216  | 13   |
| <i>Totals—</i>   |                                     |             |               |  |  |        |                     |                      |  |   |  |
| Inward—          |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 178,377                             |             | 90,582        | 42,289   | 16,865                                     | 68,601 | 21,753              | 7,425                | 31,234   | 11,606  | 17,267   |
| 1957.....        | 211,395                             |             | 71,411        | 41,404   | 31,397                                     | 51,976 | 25,993              | 5,007                | 33,802   | 14,146  | 14,041   |
| Outward—         |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 7,423                               | 164,591     |               | 46,341   | 69,719                                     | 2,620  | 47,505              | 46,041               | 20,964   | 32,167  | 25,995   |
| 1957.....        | 11,816                              | 198,233     |               | 49,511   | 23,494                                     | 3,943  | 76,214              | 558                  | 19,555   | 26,350  | 11,320   |
| Total—           |                                     |             |               |  |  |        |                     |                      |  |   |  |
| 1958.....        | 185,800                             | 164,591     | 90,582        | 88,630   | 86,584                                     | 71,221 | 69,258              | 53,466               | 52,198   | 43,773  | 43,262   |
| 1957.....        | 223,211                             | 198,233     | 71,411        | 90,915   | 54,891                                     | 55,919 | 102,207             | 5,565                | 53,357   | 40,496  | 25,361   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Fish<br>(including<br>Shell-fish,<br>fresh or<br>frozen) | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoops,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Dry<br>Goods<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Hardware<br>not<br>otherwise<br>specified | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles,<br>Veneers | China-<br>ware,<br>Earthen-<br>ware<br>and<br>Porcelain-<br>ware | Ores<br>and<br>Concen-<br>trates<br>not<br>otherwise<br>specified | Glass<br>and<br>Glass<br>Manu-<br>factures |
|------------------|---|--|--|---|---|--|---|---|--|---|--|
| <i>Foreign—</i>  |   |  |  |   |   |  |   |   |  |   |  |
| Inward—          |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 12  | 38,533   | 4,367  | 35,607  | 17,385  | 20,524   | 2,160                                     | 20,433  | 27,180   | 17,763  | 21,893                                     |
| 1957.....        | 14  | 148,715  | 4,381  | 83,309  | 6,456   | 19,684   | 6,306                                     | 14,973  | 24,001   | 30,047  | 16,908                                     |
| Outward—         |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 38,384  | 619  | 466  | 67  | 46  | 364  | 42  | 4,228   | 7  | .....   | 7  |
| 1957.....        | 38,491  | 1,107  | 711  | 1,193   | 63  | 1,762  | 43  | 6,361   | 29   | .....   | 1  |
| <i>Domestic—</i> |   |  |  |   |   |  |   |   |  |   |  |
| Inward—          |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 7   | 21   | 32,754   | 31  | 5,015   | 3,965  | 9,633                                     | 4,360   | 21   | 8,998   | .....                                      |
| 1957.....        | 47  | 1  | 24,700   | .....   | 8,947   | 2,684  | 10,222                                    | 3,316   | .....  | 19,401  | .....                                      |
| Outward—         |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 1,906   | 581  | 65   | 1,289   | 13,476  | 8,858  | 20,288                                    | 902   | 13   | .....   | 14   |
| 1957.....        | 3,452   | 2,164  | 533  | 1,772   | 19,912  | 14,718   | 23,136                                    | 996   | 444  | 1,824   | 39   |
| <i>Totals—</i>   |   |  |  |   |   |  |   |   |  |   |  |
| Inward—          |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 19  | 38,554   | 37,121   | 35,638  | 22,400  | 24,489   | 11,793                                    | 24,793  | 27,201   | 26,761  | 21,893                                     |
| 1957.....        | 61  | 148,716  | 29,081   | 83,309  | 15,403  | 22,368   | 16,528                                    | 18,289  | 24,001   | 49,448  | 16,908                                     |
| Outward—         |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 40,380  | 1,200  | 531  | 1,356   | 13,522  | 9,222  | 20,330                                    | 5,130   | 20   | .....   | 21   |
| 1957.....        | 41,943  | 3,271  | 1,244  | 2,965   | 19,975  | 16,480   | 23,179                                    | 7,357   | 473  | 1,910   | 40   |
| Total—           |   |  |  |   |   |  |   |   |  |   |  |
| 1958.....        | 40,399  | 39,754   | 37,652   | 36,994  | 35,922  | 33,711   | 32,123                                    | 29,923  | 27,221   | 26,761  | 21,914                                     |
| 1957.....        | 42,004  | 151,987  | 30,325   | 86,274  | 35,378  | 38,848   | 39,707                                    | 25,646  | 24,474   | 51,358  | 16,948                                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Petroleum<br>Oil,<br>refined<br>not<br>otherwise<br>specified | Beverages,<br>alcoholic | Paper<br>not<br>otherwise<br>specified | Petroleum<br>Oils,<br>crude | Lime   | Fruits,<br>fresh,<br>not<br>otherwise<br>specified | Toys   | Iron or<br>Steel<br>Wire<br>and Wire<br>Manu-<br>factures | Fertilizers<br>and<br>Fertilizer<br>Materials | Zinc<br>Ore | Cotton<br>Manu-<br>factures<br>not<br>otherwise<br>specified |
|------------------|---|-------------------------|--|-----------------------------|--------|--|--------|---|---|-------------|--|
| <i>Foreign—</i>  |   |                         |  |                             |        |  |        |   |   |             |  |
| Inward—          |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 11,120  | 9,893                   | 4,613                                  | .....                       | 3      | 17,620   | 17,490 | 17,043  | 2,700   | 14,747      | 14,846   |
| 1957.....        | 13,473  | 11,155                  | 5,245                                  | .....                       | 6      | 15,823   | 19,514 | 19,940  | 2,149   | 38,641      | 12,704   |
| Outward—         |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 92  | 1,822                   | 6,387                                  | 18,294                      | .....  | 475  | 67     | 48  | 7,217   | .....       | 1  |
| 1957.....        | 18  | 2,581                   | 8,307                                  | 1,018,849                   | .....  | 56   | 88     | 118   | 29,815  | 28          | 28   |
| <i>Domestic—</i> |   |                         |  |                             |        |  |        |   |   |             |  |
| Inward—          |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | .....   | 1,562                   | 706                                    | .....                       | 16,187 | .....  | .....  | 1   | 7,357   | 2,113       | .....  |
| 1957.....        | 908   | 1,446                   | 1,255                                  | .....                       | 46,726 | .....  | .....  | 24  | 11,457  | 2,052       | 2  |
| Outward—         |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 10,488  | 7,264                   | 6,829                                  | .....                       | 2,019  | 21   | 11     | 350   | 38  | 22          | 190  |
| 1957.....        | 11,159  | 8,819                   | 14,395                                 | .....                       | 993    | 24   | 1      | 259   | 4   | .....       | 147  |
| <i>Totals—</i>   |   |                         |  |                             |        |  |        |   |   |             |  |
| Inward—          |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 11,120  | 11,455                  | 5,319                                  | .....                       | 16,190 | 17,620   | 17,490 | 17,044  | 10,057  | 16,800      | 14,846   |
| 1957.....        | 14,381  | 12,601                  | 6,500                                  | .....                       | 46,732 | 15,823   | 19,514 | 19,964  | 13,606  | 40,693      | 12,706   |
| Outward—         |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 10,580  | 90,86                   | 13,216                                 | 18,294                      | 2,019  | 496  | 78     | 398   | 7,255   | 22          | 191  |
| 1957.....        | 11,177  | 11,400                  | 22,702                                 | 1,018,849                   | 993    | 80   | 89     | 377   | 29,819  | 28          | 175  |
| Total—           |   |                         |  |                             |        |  |        |   |   |             |  |
| 1958.....        | 21,700  | 20,541                  | 18,535                                 | 18,294                      | 18,209 | 18,116   | 17,568 | 17,442  | 17,312  | 16,882      | 15,037   |
| 1957.....        | 25,558  | 24,001                  | 29,202                                 | 1,018,849                   | 47,725 | 15,903   | 19,603 | 20,341  | 43,425  | 40,721      | 12,881   |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Coffee<br>Beans and<br>Coffee<br>Prepara-<br>tions | Iron or<br>Steel<br>Rails and<br>Fastenings | Fish<br>Oils | Tallow,<br>inedible | Zinc<br>Spelter | Jute<br>and<br>Jute<br>Manu-<br>factures | Bamboo-<br>ware<br>and<br>Rattan-<br>ware<br>not<br>otherwise<br>specified | Kerosene | Containers,<br>returned<br>empty | All Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|--|---|--------------|---------------------|-----------------|--|--|----------|----------------------------------|--|------------|
| <i>Foreign—</i>  |  |   |              |                     |                 |  |  |          |                                  |  |            |
| Inward—          |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 14,469   | 9,455                                       | 226          | .....               | 7               | 11,556                                   | 11,482   | 9,120    | 36                               | 144,446                                    | 1,020,507  |
| 1957.....        | 15,442   | 32,331                                      | 174          | 18                  | 18              | 10,268                                   | 7,581  | 29,956   | 113                              | 181,470                                    | 1,377,832  |
| Outward—         |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 21   | 3,097                                       | 4,596        | 12,428              | 11,782          | 285                                      | 1  | .....    | 115                              | 56,718                                     | 5,280,253  |
| 1957.....        | 101  | .....                                       | 147          | 12,192              | 9,503           | 202                                      | 7  | 1,111    | 641                              | 38,320                                     | 6,503,139  |
| <i>Domestic—</i> |  |   |              |                     |                 |  |  |          |                                  |  |            |
| Inward—          |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | .....  | .....                                       | 9,068        | 437                 | .....           | .....                                    | .....  | .....    | 6,192                            | 125,638                                    | 3,388,647  |
| 1957.....        | .....  | .....                                       | 6,160        | .....               | .....           | .....                                    | .....  | 1,055    | 7,701                            | 111,520                                    | 3,217,351  |
| Outward—         |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 4  | 1,904                                       | 1            | .....               | 183             | 54                                       | .....  | 1,568    | 3,468                            | 370,529                                    | 1,940,224  |
| 1957.....        | .....8   | 348   | .....        | .....               | 773             | 302                                      | .....  | 47,701   | 1,180                            | 406,589                                    | 2,024,178  |
| <i>Totals—</i>   |  |   |              |                     |                 |  |  |          |                                  |  |            |
| Inward—          |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 14,489   | 9,455                                       | 9,294        | 437                 | 7               | 11,556                                   | 11,482   | 9,120    | 6,228                            | 270,084                                    | 4,409,154  |
| 1957.....        | 15,442   | 32,331                                      | 6,334        | 18                  | 18              | 10,268                                   | 7,581  | 31,011   | 7,814                            | 292,990                                    | 4,595,183  |
| Outward—         |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 25   | 5,001                                       | 4,597        | 12,428              | 11,965          | 339                                      | 1  | 1,568    | 3,583                            | 427,247                                    | 7,220,477  |
| 1957.....        | 109  | 348   | 147          | 12,192              | 10,276          | 504                                      | 7  | 48,812   | 1,821                            | 444,909                                    | 8,527,317  |
| Total—           |  |   |              |                     |                 |  |  |          |                                  |  |            |
| 1958.....        | 14,494   | 14,456                                      | 13,891       | 12,865              | 11,972          | 11,895                                   | 11,483   | 10,688   | 9,811                            | 697,331                                    | 11,629,631 |
| 1957.....        | 15,551   | 32,679                                      | 6,481        | 12,210              | 10,294          | 10,772                                   | 7,588  | 79,823   | 9,635                            | 737,899                                    | 13,122,500 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1958, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1958.....         | 5,574   | 4,859    | 10,433    |
| 1957.....         | 6,432   | 4,431    | 10,862    |
| 1956.....         | 5,049   | 4,356    | 9,405     |
| 1955.....         | 4,634   | 5,258    | 9,892     |
| 1954.....         | 4,054   | 3,888    | 7,942     |
| <i>Coastwise—</i> |         |          |           |
| 1958.....         | 476,066 | 494,199  | 970,265   |
| 1957.....         | 731,753 | 750,779  | 1,482,532 |
| 1956.....         | 703,411 | 709,795  | 1,413,206 |
| 1955.....         | 639,130 | 649,731  | 1,288,861 |
| 1954.....         | 670,516 | 677,393  | 1,347,909 |
| <i>Total—</i>     |         |          |           |
| 1958.....         | 481,640 | 499,058  | 980,698   |
| 1957.....         | 738,185 | 755,210  | 1,493,395 |
| 1956.....         | 708,460 | 714,151  | 1,422,611 |
| 1955.....         | 643,764 | 654,989  | 1,298,753 |
| 1954.....         | 674,570 | 681,281  | 1,355,851 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1958, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1958.....         |             | 135,632,512 | 135,632,512 |
| 1957.....         |             | 138,385,580 | 138,385,580 |
| 1956.....         |             | 121,262,008 | 121,262,008 |
| 1955.....         |             | 82,542,693  | 82,542,693  |
| 1954.....         |             | 100,848,241 | 100,848,241 |
| <i>Via rail—</i>  |             |             |             |
| 1958.....         | 138,354,342 | 1,512,515   | 139,866,857 |
| 1957.....         | 141,553,239 | 2,061,796   | 143,615,035 |
| 1956.....         | 124,052,383 | 1,694,928   | 125,747,311 |
| 1955.....         | 79,104,543  | 1,507,721   | 80,612,264  |
| 1954.....         | 100,339,683 | 1,044,618   | 101,384,301 |
| <i>Via other—</i> |             |             |             |
| 1958.....         |             | 387,139     | 387,139     |
| 1957.....         | 13,445      | 474,408     | 487,853     |
| 1956.....         | 4,831       | 710,161     | 714,992     |
| 1955.....         | 75,396      | 604,187     | 679,583     |
| 1954.....         | 163,840     | 958,547     | 1,122,387   |
| <i>Total—</i>     |             |             |             |
| 1958.....         | 138,354,342 | 137,532,166 | 275,886,508 |
| 1957.....         | 141,566,684 | 140,921,784 | 282,488,468 |
| 1956.....         | 124,057,214 | 123,667,097 | 247,724,311 |
| 1955.....         | 79,179,939  | 84,654,601  | 163,834,540 |
| 1954.....         | 100,503,523 | 102,851,406 | 203,354,929 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$188,950. The principal items were dredging of berths Nos. 1 and 2 at No. 3 jetty; renewal of roof at No. 1 elevator; sash and frame replacements at No. 1 elevator annex; renewal of drainage culvert at Low Level Road, North Vancouver; renewal of fender logs at Ballantyne and Lapointe Piers, and No. 1 jetty; renewal of control panels for shed hoists, Ballantyne Pier, and renovation of 2 Superior cleaners at No. 4 elevator.

## CAPITAL WORKS

Capital expenditures amounted to \$6,191,233, of which \$1,014,312 was provided from replacement fund and \$1,839,042 from revenues. The principal items were:—

*Construction of Centennial Pier.*—A contract was awarded in August, 1957, to Northern Construction Company and J. W. Stewart Limited, for the construction of a new deepsea pier 1,200 feet long by 547 feet wide by means of the concrete crib and copewall method. Approximately 97% of the work had been completed by the end of the year.

*New Access Roadway, East Side No. 3 Elevator and Jetty.*—Marwell Construction Company was awarded a contract for the supply of fill required for the construction of a new access roadway from Powell Street to No. 3 jetty. The work was completed during 1958.

*Installation of Bulk Screenings Loading Bins, No. 3 Elevator.*—In July, 1957, a contract was awarded to Commonwealth Construction Company, Limited for the supply and installation of bulk screenings loading bins at No. 3 elevator. The work was completed during 1958.

*Installation of Cargo Crane, Ballantyne Pier.*—In April, 1957, a contract was awarded to Provincial Engineering Limited for the supply and installation of a new gantry luffing crane for the west side of Ballantyne Pier. This crane was received and installed in 1958.

*Additional Vehicular Entrance, Ballantyne Pier.*—A contract was awarded to Commonwealth Construction Company, Limited, for the paving of approximately 900 square yards of new approach roadway, Ballantyne Pier. The work was completed during 1958.

*Replacement in Steel of Wooden Grain Gallery, No. 1 Jetty.*—In February, 1958, a contract was awarded to Bennett and White Construction Company, Limited for the replacement in steel of approximately 910 feet of wooden grain gallery on No. 1 jetty. The work was completed in December, 1958.

*Widening Commissioner Street.*—A contract was awarded to General Construction Company, Limited for the widening of Commissioner Street from Victoria Drive to the Terminal Dock. Approximately 80% of the work was completed during the year.

*Construction of Substation, Lapointe Pier.*—Orders for the necessary equipment for a new substation at Lapointe Pier were placed during 1958, and delivery of approximately 50% of the equipment has been effected. Installation is being carried out by Board forces and is approximately 25% complete.

*Storage Addition, No. 3 Elevator.*—A contract was awarded to Sandwell and Company, Limited, for the preparation of plans and specifications for a 1,000,000-bushel storage addition to No. 3 elevator. Preliminary plans and specifications have been submitted and details for completion of final plans and specifications have been decided.

*Replacement of M. V. "Burnaby".*—A contract for a steel-hulled vessel to replace the M. V. "Burnaby" was awarded to Allied Builders Limited. Delivery of the vessel was made in November, 1958.

### INCOME AND EXPENSE

Operating income was \$3,721,723, as compared with \$4,101,410 in 1957, the decrease being \$379,687, while operating expenses were \$2,014,226 as compared with \$2,260,285 in 1957.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$1,064,378, as compared with a surplus of \$1,214,577 in 1957.

## Harbour of Vancouver

## BALANCE SHEET AS AT DECEMBER 31, 1958

| ASSETS   |           | LIABILITIES  |              |
|--|-----------|--|--------------|
| CURRENT—   |           | ACCOUNTS PAYABLE—GENERAL.....\$                        |              |
| Cash.....  | 157,674   | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 248,172      |
| Accounts Receivable.....   | 405,403   | CONTRACTORS' HOLDBACKS.....                            | 150,937      |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 33,020    | DEFERRED INCOME.....                                   | 162,739      |
| Accrued Income.....  | 97,161    | CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 260,128      |
|  |           |  | \$ 1,062,259 |
| INVESTMENTS IN BONDS—  |           | PROPRIETARY EQUITY OF THE GOVERNMENT                   |              |
| (At amortized cost, market value \$537,744).....                   | 546,391   | OF CANADA—   |              |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      | 260,128   | Assets transferred to the Board on its                 |              |
|  |           | establishment, and subsequently.....                   |              |
| RESERVE FUNDS—   |           | Loans and Advances.....                                |              |
| (Cash, \$179,257; bonds, at amortized cost, \$8,022,903)           |           |  | 2,661,404    |
| Replacement of Capital Assets.....                                 | 7,871,345 |  | 25,457,308   |
| Fire and General Insurance.....                                    | 302,074   |  |              |
| Special Maintenance.....   | 28,741    |  |              |
|  |           |  |              |
| DEBIT BALANCES IN SUSPENSE.....                                    | 22,267    | Reserves—  |              |
| PRELIMINARY CAPITAL EXPENDITURES.....                              | 9,447     | Replacement of Capital Assets.....\$                   | 8,766,149    |
|  |           | Fire and General Insurance.....                        | 301,785      |
| CAPITAL ASSETS—  |           | Special Maintenance.....                               | 41,199       |
| (At cost or estimated cost)  |           |  | 9,109,133    |
| Harbour Dredging.....  |           |  |              |
| Real Estate.....   | 18,607    |  |              |
| Roads, Fences and Boundaries.....                                  | 7,072,202 |  |              |
| Sewers and Drains.....   | 402,894   |  |              |
| Miscellaneous Structures.....                                      | 16,549    |  |              |
| Wharves and Piers.....   | 27,665    |  |              |
| Permanent Sheds.....   | 9,855,755 |  |              |
| Railway System.....  | 2,235,946 |  |              |
| Grain Elevator System.....   | 44,483    |  |              |
| Cold Storage System.....   | 8,304,203 |  |              |
| Office Furniture and Appliances.....                               | 107,561   |  |              |
| Harbour Buildings.....   | 49,762    |  |              |
|  | 177,824   |  |              |
|  |           | Add: Surplus—  |              |
|  |           | Balance at Beginning of Year.....                      | 6,683,175    |
|  |           | Less: Prior Years' Adjustments.....                    | 505          |
|  |           |  | 6,682,670    |

|                                  |                      |
|----------------------------------|----------------------|
| Harbour Shops.....               | 12,496               |
| Water Supply System.....         | 53,848               |
| Floating Equipment.....          | 18,582               |
| Shore Equipment.....             | 501,130              |
| Miscellaneous Small Plant.....   | 58,545               |
| Engineering-General Surveys..... | 7,871                |
| Works Under Construction.....    | 7,337,578            |
|                                  | <u>36,303,501</u>    |
|                                  | <u>\$ 46,037,152</u> |

|   |                      |
|---|----------------------|
| Add: Net Income for the year, per statement<br>of Income and Expense..... | 1,004,378            |
| Balance at End of Year.....   | <u>7,747,048</u>     |
|   | <u>44,974,893</u>    |
|   | <u>\$ 46,037,152</u> |



## HARBOUR OF VANCOUVER

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

## OPERATING INCOME—

## Harbour—

|                       |            |              |
|-----------------------|------------|--------------|
| Harbour Dues.....     | \$ 193,178 |              |
| Cargo Rates.....      | 446,453    |              |
| Handling.....         | 1,017,066  |              |
| Property Rentals..... | 334,323    |              |
| Miscellaneous.....    | 152,106    |              |
|                       |            | \$ 2,143,126 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 379,609 |         |
| Berthage.....            | 329,767 |         |
| Wharf Space Rentals..... | 34,200  |         |
| Miscellaneous.....       | 34,543  |         |
|                          |         | 778,119 |

## Grain Elevator System—

|              |  |         |
|--------------|--|---------|
| Rentals..... |  | 542,499 |
|--------------|--|---------|

## Cold Storage System—

|                    |        |        |
|--------------------|--------|--------|
| Storage.....       | 4,572  |        |
| Miscellaneous..... | 38,673 |        |
|                    |        | 43,245 |

## Permanent Sheds—

|                    |        |         |
|--------------------|--------|---------|
| Shed Rentals.....  | 49,685 |         |
| Storage.....       | 80,732 |         |
| Miscellaneous..... | 2,851  |         |
|                    |        | 133,268 |

## Miscellaneous Services.....

81,466  
\$ 3,721,723

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$926,262 for handling)..... | 1,120,755 |           |
| Wharves and Piers.....                          | 235,310   |           |
| Grain Elevator System.....                      | 38,122    |           |
| Cold Storage System.....                        | 40,320    |           |
| Permanent Sheds.....                            | 239,806   |           |
| Miscellaneous Services.....                     | 97,890    |           |
|   |           | 1,772,203 |

## Administrative—

|  |         |         |
|--|---------|---------|
| Salaries.....  | 98,115  |         |
| Contributions to Public Service Superannuation Account.... | 32,933  |         |
| Office Expenses.....                                       | 9,854   |         |
| Miscellaneous.....   | 101,121 |         |
|  |         | 242,023 |

2,014,226

NET OPERATING INCOME..... 1,707,497

## ADD: OTHER INCOME—

|  |         |           |
|--|---------|-----------|
| Income from Investments (less \$16,126 transferred to Reserves other than that for Replacement of Capital Assets)..... | 321,742 |           |
| Miscellaneous.....   | 883     |           |
|  |         | 322,625   |
|  |         | 2,030,122 |

## DEDUCT: SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 647,083 |         |
| Provision for Replacement of Capital Assets.....  | 317,650 |         |
| Other.....  | 1,011   |         |
|   |         | 965,744 |

NET INCOME..... \$ 1,064,378

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1958

|  |                   |
|--|-------------------|
| INCOME—  |                   |
| Assessments.....   | \$ 357,600        |
| Income from Workmen's Compensation Fund Investments (less \$52,156 applicable to Reserve)..... | —                 |
|  | <u>\$ 357,600</u> |
| EXPENSES—  |                   |
| Salaries of Board Members and Executive Officers.....  | 98,433            |
| Other Salaries.....  | 137,500           |
| Contributions to Public Service Superannuation Account.....                                    | 17,276            |
| Office Expenses.....   | 27,650            |
| Office Rent.....   | 26,117            |
| Travelling Expenses.....   | 13,303            |
| Advertising.....   | 6,173             |
| Treasury Office—Salaries and Expenses.....   | 31,148            |
|  | <u>\$ 357,600</u> |

Head Office, Ottawa.  
BALANCE SHEET AS AT DECEMBER 31, 1958

## ASSETS

CURRENT—  
Cash.....\$ 4,411

## RESERVE FUNDS—

(Cash, \$7,528; bonds, at amortized cost, \$1,293,409)  
Workmen's Compensation..... 1,300,937

## CAPITAL ASSETS—

(At cost)  
Office Furniture and Appliances..... 21,532  
\$ 1,326,880

## LIABILITIES

ACCOUNTS PAYABLE—GENERAL.....\$ 2,000

## PROPRIETARY EQUITY OF THE GOVERNMENT

## OF CANADA—

## Reserves—

Replacement of Capital Assets.....\$ 10,766  
Workmen's Compensation..... 1,300,937

1,311,703

## Add: Surplus—

Balance at Beginning of Year..... 12,122

Add: Prior Years' Adjustments..... 1,055

Balance at End of Year..... 13,177

1,324,880

\$ 1,326,880







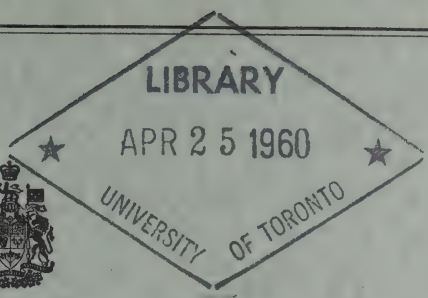




Gov. Sec  
Can  
✓

- T 66

- A56



# ANNUAL REPORT

OF THE

# NATIONAL HARBOURS BOARD

For Calendar Year  
**1959**

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1960

Price, 25 cents



## ERRATA

### Page 7:

In the Comparative Consolidated Income Statement, figures should read as follows:

|   | <u>1959</u> |
|---|-------------|
| Operating Income.....                   | 24,206,496  |
| Operating and Maintenance Expenses..... | 15,598,321  |

### Page 8:

In the statistical record following the above statement, figures should read as follows:

|                    | <u>Operating<br/>Income</u> | <u>Operating<br/>Expenses</u> |
|--------------------|-----------------------------|-------------------------------|
| Churchill.....1959 | 1,389,862                   | 1,151,033                     |
| All Units.....1959 | 24,206,496                  | 15,598,321                    |



ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year  
1959

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1960

Price 25 cents. Cat. No. TH 1-58  
Available from the Queen's Printer  
Ottawa, Canada

## NATIONAL HARBOURS BOARD

### Members of Board

|                        |                |
|------------------------|----------------|
| M. Archer, P. Eng..... | Chairman.      |
| R. J. Rankin.....      | Vice-Chairman. |
| E. J. Alton.....       | Member.        |
| C. H. Malcolm.....     | Member.        |

### Head Office Officials

|                             |                      |
|-----------------------------|----------------------|
| W. C. Perron.....           | Executive Director.  |
| T. M. Bryson, M.B.E.....    | Secretary.           |
| Roger St. Jean.....         | Assistant Secretary. |
| L. R. Stratton, P. Eng..... | Chief Engineer.      |
| J. F. Finlay.....           | Legal Adviser.       |
| N. W. Bowen.....            | Traffic Officer.     |

### Port Officials

|                    |                              |               |
|--------------------|------------------------------|---------------|
| Halifax.....       | J. R. Mitchell.....          | Port Manager. |
| Saint John.....    | D. M. Vye, P. Eng.....       | Port Manager. |
| Chicoutimi.....    | Albert Maltais.....          | Port Manager. |
| Quebec.....        | Louis Beaudry, P. Eng.....   | Port Manager. |
| Three Rivers.....  | L. St. Pierre.....           | Port Manager. |
| Montreal.....      | Guy Beaudet, P. Eng.....     | Port Manager. |
| Prescott.....      | Neil McKay.....              | Manager.      |
| Port Colborne..... | F. W. Moore.....             | Manager.      |
| Churchill.....     | H. M. Wilson.....            | Port Manager. |
| Vancouver.....     | B. D. L. Johnson, O.B.E..... | Port Manager. |



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 62   |
| Jacques Cartier Bridge.....          | 78   |
| Prescott Elevator.....               | 82   |
| Port Colborne Elevator.....          | 86   |
| Harbour of Churchill.....            | 89   |
| Harbour of Vancouver.....            | 94   |
| Head Office, Ottawa.....             | 106  |

## NATIONAL HARBOURS BOARD

OTTAWA, March 2, 1960

To the Honourable GEORGE HEES, M.P.,  
Minister of Transport,  
Ottawa.

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-fourth annual report of the National Harbours Board, covering the operations for the calendar year 1959, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

### SHIPPING

Vessel arrivals in 1959 numbered 48,173, the aggregate net registered tonnage being 57,417,941. The comparable figures for 1958 were 48,242 vessels, aggregating 47,894,829 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

#### VESSELS—ARRIVALS AND DEPARTURES

| —                  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 48,173                  | 57,417,941                   |
| 1958.....          | 48,242                  | 47,894,829                   |
| 1957.....          | 49,421                  | 49,648,800                   |
| 1956.....          | 51,583                  | 50,355,977                   |
| 1955.....          | 50,081                  | 46,693,486                   |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 48,046                  | 57,355,507                   |
| 1958.....          | 47,810                  | 47,873,323                   |
| 1957.....          | 49,031                  | 49,626,254                   |
| 1956.....          | 51,332                  | 50,222,995                   |
| 1955.....          | 49,585                  | 46,618,688                   |

(Exclusive of Naval Vessels)

### CARGO TONNAGE

Aggregate cargo tonnage in 1959 was 48,668,444 as compared with 47,083,690 in 1958, the increase being 1,584,754 tons, or 3%.

Grain traffic showed a decrease from the previous year, dropping from 13,217,637 tons to 12,154,457, a decrease of 1,063,180 tons, or approximately 8%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in fuel oil, crude petroleum, gasoline, pulp-wood, gypsum,

motor vehicles and parts, sand and gravel, newsprint, asbestos, wood-pulp, iron or steel band, bars, etc., and hog fuel. Decreases were shown in bituminous coal, lumber, wheat flour, raw sugar, logs and cement.

Foreign inward traffic increased 2,531,769 tons, or 24%, and foreign outward traffic decreased 297,109 tons, or 1.9%, compared with 1958. Domestic traffic inward decreased 1,117,288 tons, or 8.9%, and domestic traffic outward increased 467,783 tons, or 6.4% compared with 1958.

The following statement summarizes the volume of water-borne cargo tonnage in 1959 and the four previous years:

### CARGO TONNAGE—SUMMARY

Basis Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
| <i>Foreign—</i>  |            |            |            |
| 1959.....        | 13,030,025 | 15,254,337 | 28,284,362 |
| 1958.....        | 10,498,256 | 15,551,446 | 26,049,702 |
| 1957.....        | 10,490,379 | 15,964,867 | 26,455,246 |
| 1956.....        | 11,129,214 | 17,215,779 | 28,344,993 |
| 1955.....        | 9,109,439  | 12,667,521 | 21,776,960 |
| <i>Domestic—</i> |            |            |            |
| 1959.....        | 12,608,440 | 7,775,642  | 20,384,082 |
| 1958.....        | 13,725,728 | 7,308,259  | 21,033,987 |
| 1957.....        | 12,692,504 | 7,528,414  | 20,220,918 |
| 1956.....        | 14,101,033 | 8,023,506  | 22,124,539 |
| 1955.....        | 13,613,873 | 7,023,989  | 20,637,862 |
| <i>Total—</i>    |            |            |            |
| 1959.....        | 25,638,465 | 23,029,979 | 48,668,444 |
| 1958.....        | 24,223,984 | 22,859,705 | 47,083,689 |
| 1957.....        | 23,182,883 | 23,493,281 | 46,676,164 |
| 1956.....        | 25,230,247 | 25,239,285 | 50,469,532 |
| 1955.....        | 22,723,312 | 19,691,510 | 42,414,822 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### INCOME AND EXPENSE

Operating income in 1959 amounted to \$24,206,496 as compared with \$24,075,931 in the previous year, an increase of \$130,565.

Expenses of administration, operation and maintenance in 1959 were \$15,598,321, as against \$14,786,764 in the previous year, an increase of \$811,557.

Salaries and wages amounted to \$10,671,000, as compared with \$10,145,000 in 1958. Retirement benefits for employees cost \$340,000 by way of contribution to the Public Service Superannuation Account.

Grants to municipalities for services rendered to Board properties for 1959 amounted to \$416,500, paid under arrangements effective for the five-year period ending in 1959.

Maintenance expenses in 1959 were \$4,098,856, as compared with \$3,589,377 in the previous year.

Net operating income was \$8,608,175 as against \$9,289,167 in 1958, a decrease of \$680,992.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1959 resulted in a loss of \$594,847, as compared with a profit of \$1,072,208 in 1958.

The following is a comparative consolidated income statement for each of the years 1955 to 1959 inclusive:

## COMPARATIVE CONSOLIDATED INCOME STATEMENT

|                                    | 1959       | 1958       | 1957       | 1956       | 1955       |
|------------------------------------|------------|------------|------------|------------|------------|
|                                    | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....              | 24,219,839 | 24,075,931 | 23,303,811 | 24,057,779 | 21,183,718 |
| OPERATING AND MAINTENANCE EXPENSES | 15,611,664 | 14,786,764 | 14,270,611 | 14,366,362 | 12,060,296 |
| Net Operating Income.....          | 8,608,175  | 9,289,167  | 9,033,200  | 9,691,417  | 9,123,422  |
| MISCELLANEOUS CREDITS (NET).....   | 2,124,998  | 2,019,989  | 1,642,147  | 1,469,209  | 1,173,149  |
| Total Income.....                  | 10,733,173 | 11,309,156 | 10,675,347 | 11,160,626 | 10,296,571 |
| OTHER INCOME REQUIREMENTS          |            |            |            |            |            |
| Provision for—                     |            |            |            |            |            |
| Replacement of Capital Assets..    | 3,403,259  | 3,266,577  | 3,107,787  | 3,047,745  | 2,596,083  |
| Interest due Government.....       | 7,924,761  | 6,970,371  | 6,242,458  | 5,808,544  | 5,678,625  |
|                                    | 11,328,020 | 10,236,948 | 9,350,245  | 8,856,289  | 8,274,708  |
| Net Income/Loss.....               | 594,847    | 1,072,208  | 1,325,102  | 2,304,337  | 2,021,863  |

The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                 |      | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|-----------------|------|---------------------|----------------------|----------------------------|
|                 |      | \$                  | \$                   | \$                         |
| Halifax.....    | 1955 | 1,988,469           | 1,363,173            | 625,296                    |
|                 | 1956 | 1,909,248           | 1,434,250            | 474,998                    |
|                 | 1957 | 1,947,120           | 1,432,788            | 514,332                    |
|                 | 1958 | 1,859,423           | 1,555,546            | 303,877                    |
|                 | 1959 | 1,898,760           | 1,628,924            | 269,836                    |
| Saint John..... | 1955 | 875,819             | 845,450              | 30,369                     |
|                 | 1956 | 965,767             | 910,423              | 55,344                     |
|                 | 1957 | 947,312             | 880,078              | 67,234                     |
|                 | 1958 | 794,814             | 908,112              | 113,298*                   |
|                 | 1959 | 824,496             | 869,110              | 44,614*                    |
| Chicoutimi..... | 1955 | 105,651             | 33,150               | 72,501                     |
|                 | 1956 | 110,108             | 27,944               | 82,164                     |
|                 | 1957 | 110,534             | 32,022               | 78,512                     |
|                 | 1958 | 110,486             | 39,499               | 70,987                     |
|                 | 1959 | 118,420             | 41,584               | 76,836                     |
| Quebec.....     | 1955 | 1,908,450           | 1,368,339            | 540,111                    |
|                 | 1956 | 2,078,286           | 1,955,500            | 122,786                    |
|                 | 1957 | 1,972,806           | 1,929,407            | 43,399                     |
|                 | 1958 | 2,047,749           | 1,676,260            | 371,489                    |
|                 | 1959 | 2,282,094           | 1,765,315            | 516,779                    |

\* Deficit



|  | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|--|---------------------|----------------------|----------------------------|
|  | \$                  | \$                   | \$                         |
| Three Rivers.....1955                      | 349,418             | 74,556               | 274,862                    |
| 1956                                       | 393,156             | 179,035              | 214,121                    |
| 1957                                       | 406,177             | 69,407               | 336,770                    |
| 1958                                       | 414,098             | 77,117               | 336,981                    |
| 1959                                       | 449,026             | 123,207              | 325,819                    |
| Montreal.....1955                          | 8,308,616           | 4,780,740            | 3,527,876                  |
| 1956                                       | 9,761,604           | 5,365,474            | 4,396,130                  |
| 1957                                       | 8,670,352           | 5,457,114            | 3,213,238                  |
| 1958                                       | 9,319,870           | 6,076,232            | 3,243,638                  |
| 1959                                       | 9,460,587           | 6,358,410            | 3,102,177                  |
| Jacques Cartier Bridge (Montreal).....1955 | 2,100,393           | 233,000              | 1,867,393                  |
| 1956                                       | 2,154,240           | 278,257              | 1,875,983                  |
| 1957                                       | 2,228,438           | 318,392              | 1,910,046                  |
| 1958                                       | 2,104,794           | 353,679              | 1,751,115                  |
| 1959                                       | 2,354,815           | 699,598              | 1,655,217                  |
| Prescott.....1955                          | 995,449             | 430,200              | 565,249                    |
| 1956                                       | 1,086,880           | 488,972              | 597,908                    |
| 1957                                       | 1,089,935           | 502,142              | 587,793                    |
| 1958                                       | 1,452,686           | 625,883              | 826,803                    |
| 1959                                       | 876,474             | 472,566              | 403,908                    |
| Port Colborne.....1955                     | 766,666             | 496,958              | 269,708                    |
| 1956                                       | 869,683             | 588,078              | 281,605                    |
| 1957                                       | 732,607             | 470,134              | 262,473                    |
| 1958                                       | 906,324             | 527,868              | 378,456                    |
| 1959                                       | 550,653             | 347,728              | 202,925                    |
| Churchill.....1955                         | 782,726             | 710,606              | 72,120                     |
| 1956                                       | 1,074,722           | 745,554              | 329,168                    |
| 1957                                       | 1,097,120           | 918,842              | 178,278                    |
| 1958                                       | 1,343,964           | 932,342              | 411,622                    |
| 1959                                       | 1,403,205           | 1,164,376            | 238,829                    |
| Vancouver.....1955                         | 3,002,061           | 1,824,124            | 1,177,937                  |
| 1956                                       | 3,654,085           | 2,392,875            | 1,261,210                  |
| 1957                                       | 4,101,410           | 2,260,285            | 1,841,125                  |
| 1958                                       | 3,721,723           | 2,014,226            | 1,707,497                  |
| 1959                                       | 4,001,309           | 2,140,846            | 1,860,463                  |
| All Units.....1955                         | 21,183,718          | 12,060,296           | 9,123,422                  |
| 1956                                       | 24,057,779          | 14,366,362           | 9,691,417                  |
| 1957                                       | 23,303,811          | 14,270,611           | 9,033,200                  |
| 1958                                       | 24,075,931          | 14,786,764           | 9,289,167                  |
| 1959                                       | 24,219,839          | 15,611,664           | 8,608,175                  |

## CHANGE IN TARIFFS

Major changes in harbour tariffs in 1959 were the issue of By-law Saint John B-12, Tariff of Electricity Service Charges, to cover electrical services provided at that port. By-law Montreal B-13, Tariff of Bridge Tolls, Jacques Cartier Bridge, was reissued to provide regulations and rates for the new automatic toll collection system installed on the bridge. By-law Vancouver B-4(a), Tariff of Wharf Charges, and By-law Vancouver B-2(c), Tariff of Dockage Charges, National Harbours Board False Creek Fishermen's Terminal, were

reissued to bring charges into line with those of privately-owned facilities. A few minor adjustments in other tariffs were made relating to increases in charges brought about by higher costs.

### CAPITAL EXPENDITURES

Expenditures on capital account in 1959 totalled \$22,420,260. Of this amount, \$17,818,948 has been or will be financed by advances from the Government, bearing interest at the rate prevailing at the date of such advances; \$875,414 was provided from replacement funds; and \$3,725,898 from revenue.

The distribution of capital expenditures, by places, is as follows:

#### *From Borrowings—*

|                   |            |                     |
|-------------------|------------|---------------------|
| Halifax.....      | \$ 376,394 |                     |
| Saint John.....   | 68,143     |                     |
| Chicoutimi.....   | 72,176     |                     |
| Quebec.....       | 1,522,926  |                     |
| Three Rivers..... | 41,985     |                     |
| Montreal.....     | 14,651,792 |                     |
| Vancouver.....    | 1,085,532  |                     |
|                   |            | <hr/> \$ 17,818,948 |

#### *From Replacement Funds—*

|                 |         |               |
|-----------------|---------|---------------|
| Halifax.....    | 3,808   |               |
| Saint John..... | 7,332   |               |
| Quebec.....     | 7,455   |               |
| Montreal.....   | 819,319 |               |
| Vancouver.....  | 37,500  |               |
|                 |         | <hr/> 875,414 |

#### *From Revenues—*

|                             |           |                 |
|-----------------------------|-----------|-----------------|
| Quebec.....                 | 500,000   |                 |
| Three Rivers.....           | 165,000   |                 |
| Montreal.....               | 792,521   |                 |
| Jacques Cartier Bridge..... | 1,502,887 |                 |
| Prescott.....               | 302,421   |                 |
| Churchill.....              | 131,988   |                 |
| Vancouver.....              | 331,081   |                 |
|                             |           | <hr/> 3,725,898 |
|                             |           | <hr/>           |
|                             |           | \$ 22,420,260   |
|                             |           | <hr/>           |

Major construction projects completed or in progress during 1959 included new or improved wharves at Chicoutimi, Quebec, Montreal, and Vancouver; new transit sheds at Quebec, Montreal, and Vancouver, and extensions to transit shed at Montreal; additions and/or improvements to grain elevators,

loading and unloading facilities, and equipment at Halifax, Saint John, Quebec, Montreal, Prescott, and Vancouver; expansion and/or improvements to the electrical system at Quebec, Montreal, and Vancouver; installation of a blast freezer at Quebec, and refrigeration and ice manufacturing equipment at Vancouver; widening the roadway and improvements to the approaches, Jacques Cartier Bridge; construction of piers, superstructure, and placing of fill for Champlain Bridge. Uncompleted work at the end of the year on major contracts amounted to approximately \$10,804,700.

The book value of capital assets at December 31, 1959, was \$331,668,298.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1959, and also the amounts paid to the Treasury from Board funds:

### *Amounts Required from Government—*

|                           |               |
|---------------------------|---------------|
| Capital expenditures..... | \$ 17,818,948 |
|---------------------------|---------------|

### *Amounts Paid to Government—*

|                           |              |
|---------------------------|--------------|
| Interest on Advances..... | \$ 3,320,695 |
|---------------------------|--------------|

## RESERVE FUNDS

As at December 31, 1959, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$60,412,152, the increase in the year being \$2,460,341.

The reserves consist of cash on deposit with the Receiver General, \$425,654, and investments in authorized securities, book value \$59,986,498, market value \$50,551,004. In addition miscellaneous funds were held in the amount of \$104,919, represented by cash on deposit with the Receiver General, \$20,099, and authorized investments, book value \$84,820, market value \$73,349.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$4,455,704 book value, market value \$4,476,352.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1959,

and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

Respectfully submitted,

M. ARCHER,

*Chairman.*

R. J. RANKIN,

*Vice-Chairman.*

E. J. ALTON,

C. H. MALCOLM,

*Members.*

T. M. BRYSON,

*Secretary.*







## NATIONAL HARBOURS BOARD

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

(with comparative figures for the year ended December 31, 1958)

|                             | 1959                | 1958                |
|-----------------------------|---------------------|---------------------|
| OPERATING INCOME—           |                     |                     |
| Harbours—                   |                     |                     |
| Harbour Dues.....\$         | 465,336             | \$ 393,741          |
| Cargo Rates.....            | 467,869             | 446,453             |
| Handling.....               | 1,187,027           | 1,017,066           |
| Property Rentals.....       | 608,145             | 555,573             |
| Miscellaneous.....          | 139,308             | 173,296             |
|                             | <u>\$ 2,867,685</u> | <u>2,586,129</u>    |
| Wharves and Piers—          |                     |                     |
| Top Wharfage.....           | 4,878,326           | 4,514,721           |
| Dockage and Berthage.....   | 1,549,736           | 1,329,508           |
| Wharf Space Rentals.....    | 687,054             | 676,165             |
| Miscellaneous.....          | 104,623             | 80,114              |
|                             | <u>7,219,739</u>    | <u>6,600,508</u>    |
| Grain Elevator Systems—     |                     |                     |
| Elevation.....              | 3,505,133           | 4,633,428           |
| Storage.....                | 2,492,779           | 2,452,378           |
| Rentals.....                | 553,557             | 610,004             |
| Miscellaneous.....          | 512,927             | 698,522             |
|                             | <u>7,064,396</u>    | <u>8,394,332</u>    |
| Cold Storage Systems—       |                     |                     |
| Storage.....                | 841,683             | 704,677             |
| Miscellaneous.....          | 311,181             | 297,454             |
|                             | <u>1,152,864</u>    | <u>1,002,131</u>    |
| Permanent Sheds—            |                     |                     |
| Shed Rentals.....           | 1,023,048           | 911,382             |
| Storage.....                | 195,523             | 211,329             |
| Miscellaneous.....          | 172,451             | 171,107             |
|                             | <u>1,391,022</u>    | <u>1,293,818</u>    |
| Jacques Cartier Bridge..... | 2,354,815           | 2,104,794           |
| Railway Systems.....        | 829,533             | 874,008             |
| Miscellaneous Services..... | 1,326,442           | 1,220,211           |
|                             | <u>\$24,206,496</u> | <u>\$24,075,931</u> |

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

(with comparative figures for the year ended December 31, 1958)

|   | 1959              | 1958                |
|---|-------------------|---------------------|
| OPERATING INCOME—   |                   |                     |
| (from previous page)  | \$24,206,496      | \$24,075,931        |
| OPERATING EXPENSES—   |                   |                     |
| Operation and Maintenance—  |                   |                     |
| Harbours (including dredging, \$469,312; handling, \$1,080,396).....  | \$ 2,999,380      | 2,832,995           |
| Wharves and Piers.....  | 759,392           | 684,684             |
| Grain Elevator Systems.....   | 4,526,831         | 4,728,164           |
| Cold Storage Systems.....   | 1,092,098         | 1,019,874           |
| Permanent Sheds.....  | 1,187,201         | 1,073,135           |
| Jacques Cartier Bridge.....   | 638,733           | 308,202             |
| Railway Systems.....  | 1,190,925         | 1,114,527           |
| Miscellaneous Services.....   | 1,480,375         | 1,408,570           |
|   | <u>13,874,935</u> | <u>13,170,151</u>   |
| Administrative—   |                   |                     |
| Salaries of Board Members and Executive Officers.....   | 98,100            | 98,433              |
| Other Salaries.....   | 832,809           | 802,694             |
| Contributions to Public Service Superannuation Account...   | 340,047           | 344,624             |
| Office Expenses.....  | 82,810            | 72,244              |
| Miscellaneous.....  | 369,620           | 298,618             |
|   | <u>1,723,386</u>  | <u>1,616,613</u>    |
|   | <u>15,598,321</u> | <u>14,786,764</u>   |
| NET OPERATING INCOME.....   | 8,608,175         | 9,289,167           |
| ADD: OTHER INCOME—  |                   |                     |
| Income from investments (less \$228,733 transferred to Reserves other than that for Replacement of Capital Assets)..... | 2,223,562         | 2,061,020           |
| Miscellaneous.....  | 120,844           | 98,273              |
|   | <u>2,344,406</u>  | <u>2,159,293</u>    |
|   | <u>10,952,581</u> | <u>11,448,460</u>   |
| DEDUCT: SPECIAL CHARGES—  |                   |                     |
| Provision for interest on Loans and Advances.....   | 7,924,761         | 6,970,371           |
| Provision for Replacement of Capital Assets.....  | 3,403,259         | 3,266,577           |
| Amortization of Bond Discount and Bond Redemption Expense   | 61,334            | 61,334              |
| Other.....  | 158,074           | 77,970              |
|   | <u>11,547,428</u> | <u>10,376,252</u>   |
| NET INCOME/Loss.....  | <u>\$ 594,847</u> | <u>\$ 1,072,208</u> |



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL'S OFFICE  
OTTAWA, FEBRUARY 24, 1960

The Honourable George Hees,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1959. In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the Financial year, and
  - (iii) in the case of the statement of income and expense give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

IAN STEVENSON,  
*Acting Auditor General*

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 19,000 linear feet of berthing, which provide 32 deep-water berths. There are 20 transit sheds with an aggregate floor area of about 1,290,000 square feet including frost-proof areas. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 90,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with sharp-freezing, storing, and packing equipment, and ample rail connections. A floating crane with a capacity of 80 tons is available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 3,303                   | 6,867,887                    |
| 1958.....          | 2,923                   | 6,368,600                    |
| 1957.....          | 2,938                   | 6,650,659                    |
| 1956.....          | 2,887                   | 6,443,407                    |
| 1955.....          | 2,946                   | 6,273,417                    |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 3,287                   | 6,896,384                    |
| 1958.....          | 2,899                   | 6,333,077                    |
| 1957.....          | 2,929                   | 6,635,331                    |
| 1956.....          | 2,885                   | 6,474,538                    |
| 1955.....          | 2,931                   | 6,232,369                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|   | 1959              |                        | 1958              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,615             | 6,635,864              | 1,505             | 6,173,184              |
| Coastal or inland commercial (including fishery)..... | 1,635             | 192,743                | 1,381             | 160,699                |
| Other.....  | 53                | 39,280                 | 37                | 34,717                 |
| Total.....  | 3,303             | 6,867,887              | 2,923             | 6,368,600              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,621             | 6,674,266              | 1,498             | 6,137,842              |
| Coastal or inland commercial (including fishery)..... | 1,620             | 188,434                | 1,368             | 163,937                |
| Other.....  | 46                | 33,684                 | 33                | 31,298                 |
| Total.....  | 3,287             | 6,896,384              | 2,899             | 6,333,077              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1959.....        | 3,605,380 | 2,636,562 | 6,241,942 |
| 1958.....        | 3,279,928 | 2,097,655 | 5,377,583 |
| 1957.....        | 3,262,546 | 2,111,085 | 5,373,631 |
| 1956.....        | 2,901,904 | 2,281,097 | 5,183,001 |
| 1955.....        | 2,340,236 | 1,732,163 | 4,072,399 |
| <i>Domestic—</i> |           |           |           |
| 1959.....        | 290,253   | 1,601,716 | 1,891,969 |
| 1958.....        | 124,594   | 1,461,920 | 1,586,514 |
| 1957.....        | 136,713   | 1,473,968 | 1,610,681 |
| 1956.....        | 232,612   | 1,435,283 | 1,667,895 |
| 1955.....        | 395,763   | 1,150,907 | 1,546,670 |
| <i>Total—</i>    |           |           |           |
| 1959.....        | 3,895,633 | 4,238,278 | 8,133,911 |
| 1958.....        | 3,404,522 | 3,559,575 | 6,964,097 |
| 1957.....        | 3,399,259 | 3,585,053 | 6,984,312 |
| 1956.....        | 3,134,516 | 3,716,380 | 6,850,896 |
| 1955.....        | 2,735,999 | 2,883,070 | 5,619,069 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)  
 Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels  
 during calendar year 1959, with comparison for 1958.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, crude | Gypsum,<br>crude | Petroleum<br>Oil, fuel | Gasoline | Grain   | Motor<br>Vehicles<br>and parts | Flour,<br>wheat | Fish<br>(including<br>Shell-fish),<br>dried,<br>pickled,<br>salted<br>or smoked | Cement,<br>common<br>or<br>portland | Rubber,<br>crude<br>(including<br>Latex) | Fish<br>(including<br>Shell-fish)<br>or<br>fresh or<br>frozen |
|------------------|-------------------------|------------------|------------------------|----------|---------|--------------------------------|-----------------|---|-------------------------------------|--|---|
| <i>Foreign—</i>  |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| Inward—          |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        | 2,703,714               |                  | 304,018                | 118,068  |         | 168,729                        | 813             | 1,077   | 696                                 | 42,598                                   | .....   |
| 1958.....        | 2,429,334               |                  | 343,039                | 105,222  | 6,148   | 89,265                         | .....           | 1,684   | 317                                 | 32,540                                   | .....   |
| Outward—         |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        |                         | 1,792,609        | 47,709                 | 479      | 391,965 | 5,083                          | 110,675         | 42,793  | 60                                  | 4,088                                    | 193   |
| 1958.....        |                         | 1,301,796        | 2,870                  | 582      | 406,660 | 2,523                          | 68,299          | 57,615  | 173                                 | 3,618                                    | 58  |
| <i>Domestic—</i> |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| Inward—          |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        |                         |                  |                        |          |         | 387                            | 3,001           | 16,060  | 52,067                              | .....                                    | 33,511  |
| 1958.....        |                         |                  |                        |          |         | 496                            | .....           | 21,179  | 21,007                              | .....                                    | 33,649  |
| Outward—         |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        |                         | 52,559           | 1,026,574              | 420,360  |         | 1,758                          | 7,565           | 455   | 507                                 | .....                                    | 3   |
| 1958.....        |                         | 86,655           | 965,076                | 325,591  |         | 1,641                          | 3,114           | 102   | 565                                 | .....                                    | .....   |
| <i>Totals—</i>   |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| Inward—          |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        | 2,703,714               |                  | 338,415                | 206,256  | 46,030  | 169,116                        | 3,814           | 17,137  | 52,763                              | 42,598                                   | 33,511  |
| 1958.....        | 2,429,334               |                  | 343,039                | 149,118  | 6,148   | 89,761                         | .....           | 22,863  | 21,324                              | 32,540                                   | 33,649  |
| Outward—         |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        |                         | 1,845,168        | 1,074,283              | 420,839  | 391,965 | 6,841                          | 118,240         | 43,248  | 567                                 | 4,088                                    | 196   |
| 1958.....        |                         | 1,388,451        | 967,946                | 326,173  | 406,660 | 4,164                          | 71,413          | 57,717  | 738                                 | 3,618                                    | 58  |
| <i>Total—</i>    |                         |                  |                        |          |         |                                |                 |   |                                     |  |   |
| 1959.....        | 2,703,714               | 1,845,168        | 1,412,698              | 627,095  | 437,995 | 175,957                        | 122,054         | 60,385  | 53,330                              | 46,686                                   | 33,707  |
| 1958.....        | 2,429,334               | 1,388,451        | 1,310,985              | 475,291  | 412,808 | 93,925                         | 71,413          | 80,580  | 22,062                              | 36,158                                   | 33,707  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Vegetable<br>Oils | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Potatoes | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Salt   | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Barytes | Iron or<br>Steel,<br>structural | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified |
|------------------|-------------------|--|---|---|----------|--|--------|--|---------|---------------------------------|---|
| <i>Foreign—</i>  |                   |  |   |   |          |  |        |  |         |                                 |   |
| Inward—          |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 28,236            | 6,944  | 388   | 82  | .....    | .....  | 14,527 | 727  | .....   | 10,871                          | 286   |
| 1958.....        | 34,778            | 5,136  | 138   | 461   | .....    | .....  | 9,698  | 361  | .....   | 3,375                           | 673   |
| Outward—         |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | .....             | 22,869   | 16,444  | 23,756  | 21,417   | 19,368   | 44     | 14,495   | 14,387  | 27                              | 2,927   |
| 1958.....        | .....             | 2,750  | 14,011  | 9,732   | 36,453   | 24,906   | 7      | 17,501   | .....   | 1,091                           | 2,952   |
| <i>Domestic—</i> |                   |  |   |   |          |  |        |  |         |                                 |   |
| Inward—          |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 244               | 128  | 763   | 445   | .....    | .....  | 65     | .....  | .....   | 34                              | .....   |
| 1958.....        | .....             | .....  | 3   | .....   | .....    | .....  | .....  | .....  | .....   | .....                           | .....   |
| Outward—         |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 2,575             | 1,014  | 9,654   | 1,713   | 2,169    | .....  | 966    | .....  | .....   | 1,242                           | 8,638   |
| 1958.....        | .....             | 590  | 10,113  | 974   | 2,285    | .....  | 897    | .....  | .....   | 2,927                           | 3,501   |
| <i>Totals—</i>   |                   |  |   |   |          |  |        |  |         |                                 |   |
| Inward—          |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 28,480            | 7,072  | 1,151   | 527   | .....    | .....  | 14,592 | 727  | .....   | 10,905                          | 286   |
| 1958.....        | 34,778            | 5,136  | 141   | 461   | .....    | .....  | 9,698  | 361  | .....   | 3,375                           | 673   |
| Outward—         |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 2,575             | 23,883   | 26,098  | 25,469  | 23,586   | 19,368   | 1,010  | 14,495   | 14,387  | 1,269                           | 11,565  |
| 1958.....        | .....             | 3,340  | 24,124  | 10,706  | 38,738   | 24,906   | 904    | 17,501   | .....   | 4,018                           | 6,453   |
| Total—           |                   |  |   |   |          |  |        |  |         |                                 |   |
| 1959.....        | 31,055            | 30,955   | 27,240  | 25,996  | 23,586   | 19,368   | 15,602 | 15,222   | 14,387  | 12,174                          | 11,851  |
| 1958.....        | 34,778            | 8,476  | 24,265  | 11,167  | 38,738   | 24,906   | 10,802 | 17,862   | .....   | 7,393                           | 7,126   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Paper,<br>newsprint | Tea    | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Apples  | Iron or<br>Steel<br>Tubes,<br>pipe and<br>Fittings | Fruits,<br>fresh,<br>not<br>otherwise<br>specified | Glass<br>and<br>Glass<br>Manu-<br>factures | Ice   | Manganese<br>Ore | Oil Cake<br>and<br>Oil-cake<br>Meal |
|------------------|---|---------------------|--------|---|---------|--|--|--|-------|------------------|-------------------------------------|
| <i>Foreign—</i>  |   |                     |        |   |         |  |  |  |       |                  |                                     |
| Inward—          |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 8,414   | .....               | 8,724  | 7,400   | .....   | 7,441  | 7,373  | 7,702                                      | ..... | 7,479            | .....                               |
| 1958.....        | 13,773  | ..... 1             | 10,515 | 7,139   | .....   | 23,372   | 5,365  | 7,081                                      | ..... | 10,312           | ..... 1                             |
| Outward—         |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 750   | 9,377               | 5      | 688   | 7,875   | 40   | 318  | 9  | ..... | .....            | 7,240                               |
| 1958.....        | 127   | 14,353              | 27     | 1,123   | 15,700  | 240  | 150  | 10   | ..... | .....            | 5,423                               |
| <i>Domestic—</i> |   |                     |        |   |         |  |  |  |       |                  |                                     |
| Inward—          |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | .....   | .....               | .....  | 96  | .....   | 219  | 25   | 9  | ..... | .....            | 220                                 |
| 1958.....        | .....   | .....               | .....  | 2   | ..... 1 | 1  | 31   | .....                                      | ..... | .....            | .....                               |
| Outward—         |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 1,207   | .....               | 153    | 317   | 600     | 420  | 125  | 12   | 7,496 | .....            | .....                               |
| 1958.....        | 1,128   | .....               | 200    | 234   | 537     | 559  | 167  | 82   | 4,276 | .....            | ..... 12                            |
| <i>Totals—</i>   |   |                     |        |   |         |  |  |  |       |                  |                                     |
| Inward—          |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 8,414   | .....               | 8,724  | 7,496   | .....   | 7,660  | 7,398  | 7,711                                      | ..... | 7,479            | 220                                 |
| 1958.....        | 13,773  | ..... 1             | 10,515 | 7,141   | ..... 1 | 23,373   | 5,396  | 7,081                                      | ..... | 10,312           | 1                                   |
| Outward—         |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 1,957   | 9,377               | 158    | 1,005   | 8,475   | 460  | 443  | 21   | 7,496 | .....            | 7,240                               |
| 1958.....        | 1,255   | 14,353              | 227    | 1,357   | 16,237  | 799  | 317  | 92   | 4,276 | .....            | 5,435                               |
| Total—           |   |                     |        |   |         |  |  |  |       |                  |                                     |
| 1959.....        | 10,371  | 9,377               | 8,882  | 8,501   | 8,475   | 8,120  | 7,841  | 7,732                                      | 7,496 | 7,479            | 7,460                               |
| 1958.....        | 15,028  | 14,354              | 10,742 | 8,498   | 16,238  | 24,172   | 5,713  | 7,173                                      | 4,276 | 10,312           | 5,436                               |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  |       | Fruits,<br>canned or<br>preserved | Iron or<br>Steel,<br>scrap | Vege-<br>tables, not<br>fresh, not<br>otherwise<br>specified | Beverages,<br>alcoholic | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Molasses | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars,<br>and Ties<br>(railway) | China-<br>ware,<br>Earthen-<br>ware and<br>Porcelain-<br>ware | Milk,<br>condensed,<br>or<br>evaporated<br>powdered | All<br>Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|-------|-----------------------------------|----------------------------|--|-------------------------|--|----------|--|---|---|---|---------|
| <i>Foreign—</i>  |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| Inward—          |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 5,737 | 41                                | 4,369                      | 4,555  | 43                      | 5,373  | 1        | 4,216  | 191   | 124,547   | 3,605,380                                     |         |
| 1958.....        | 3,741 | 1                                 | 5,474                      | 4,490  | 468                     | .....  | 853      | 3,824  | 11  | 121,338   | 3,279,928                                     |         |
| Outward—         |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 680   | 7,070                             | 1,586                      | 1,061  | 5,986                   | 5  | 4,323    | 10   | 2,302   | 55,849  | 2,636,562                                     |         |
| 1958.....        | 975   | 7,448                             | 1,665                      | 892  | 4,953                   | .....  | 3,950    | 37   | 3,562   | 83,423  | 2,097,655                                     |         |
| <i>Domestic—</i> |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| Inward—          |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 32    | .....                             | 22                         | 2  | 73                      | .....  | .....    | .....  | .....   | .....   | 14,235  | 200,253 |
| 1958.....        | 19    | 11                                | .....                      | 120  | .....                   | .....  | .....    | 1  | .....   | .....   | 4,178   | 124,594 |
| Outward—         |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 754   | .....                             | 667                        | 573  | 39                      | 419  | 146      | 2  | 1,516   | 49,518  | 1,601,716                                     |         |
| 1958.....        | 283   | .....                             | 443                        | 489  | .....                   | .....  | 836      | 16   | 2,014   | 46,613  | 1,461,920                                     |         |
| <i>Totals—</i>   |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| Inward—          |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 5,769 | 41                                | 4,391                      | 4,557  | 116                     | 5,373  | 1        | 4,216  | 191   | 138,782   | 3,895,633                                     |         |
| 1958.....        | 3,760 | 12                                | 5,474                      | 4,610  | 468                     | .....  | 853      | 3,825  | 11  | 125,516   | 3,404,522                                     |         |
| Outward—         |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 1,434 | 7,070                             | 2,253                      | 1,634  | 6,025                   | 424  | 4,469    | 12   | 3,818   | 105,367   | 4,238,278                                     |         |
| 1958.....        | 1,258 | 7,448                             | 2,108                      | 1,381  | 4,953                   | .....  | 4,786    | 53   | 5,576   | 130,036   | 3,559,575                                     |         |
| Total—           |       |                                   |                            |  |                         |  |          |  |   |   |   |         |
| 1959.....        | 7,203 | 7,111                             | 6,644                      | 6,191  | 6,141                   | 5,797  | 4,470    | 4,228  | 4,009   | 244,149   | 8,133,911                                     |         |
| 1958.....        | 5,018 | 7,460                             | 7,582                      | 5,991  | 5,421                   | .....  | 5,639    | 3,878  | 5,587   | 255,552   | 6,904,097                                     |         |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1959.....         | 34,084 | 5,033    | 39,117 |
| 1958.....         | 36,523 | 5,166    | 41,689 |
| 1957.....         | 64,314 | 8,747    | 73,061 |
| 1956.....         | 48,932 | 7,200    | 56,132 |
| 1955.....         | 38,281 | 8,024    | 46,305 |
| <i>Coastwise—</i> |        |          |        |
| 1959.....         | 385    | 243      | 628    |
| 1958.....         | 451    | 305      | 756    |
| 1957.....         | 326    | 240      | 566    |
| 1956.....         | 355    | 322      | 677    |
| 1955.....         | 308    | 578      | 886    |
| <i>Total—</i>     |        |          |        |
| 1959.....         | 34,469 | 5,276    | 39,745 |
| 1958.....         | 36,974 | 5,471    | 42,445 |
| 1957.....         | 64,640 | 8,987    | 73,627 |
| 1956.....         | 49,287 | 7,522    | 56,809 |
| 1955.....         | 38,589 | 8,602    | 47,191 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1959.....         | 1,878,576  | 12,869,211 | 14,747,787 |
| 1958.....         | 219,576    | 13,410,698 | 13,630,274 |
| 1957.....         | 11,539,325 | 11,095,089 | 11,095,089 |
| 1956.....         | 137,385    | 19,995,178 | 20,132,563 |
| 1955.....         |            | 14,986,034 | 14,986,034 |
| <i>Via rail—</i>  |            |            |            |
| 1959.....         | 12,320,841 | 1,182,937  | 13,503,778 |
| 1958.....         | 13,192,072 | 100,000    | 13,292,072 |
| 1957.....         | 11,539,325 | .....      | 11,539,325 |
| 1956.....         | 19,494,365 | .....      | 19,494,365 |
| 1955.....         | 15,104,849 | 15,317     | 15,120,166 |
| <i>Via other—</i> |            |            |            |
| 1959.....         |            | 13,923     | 13,923     |
| 1958.....         |            | 12,210     | 12,210     |
| 1957.....         |            | 20,341     | 20,341     |
| 1956.....         |            | 28,816     | 28,816     |
| 1955.....         |            | 28,790     | 28,790     |
| <i>Total—</i>     |            |            |            |
| 1959.....         | 14,199,417 | 14,066,071 | 28,265,488 |
| 1958.....         | 13,411,648 | 13,522,908 | 26,934,556 |
| 1957.....         | 11,539,325 | 11,115,430 | 22,654,755 |
| 1956.....         | 19,631,750 | 20,023,994 | 39,655,744 |
| 1955.....         | 15,104,849 | 15,030,141 | 30,134,990 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$354,883. The main items were paving and resurfacing roadways and parking areas at Ocean and Deepwater Terminals; repairs to concrete piling pier 2; reconstruction of office space Central Office Bay; repairs to sprinkler system pier B; repairs to structural steel grain elevator system; replacement of section of walkway at gallery 26, and repairs to insulation at the cold storage plant.

## CAPITAL WORKS

Expenditures on capital account amounted to \$380,202, of which \$3,808 was provided from replacement fund. The principal items were:—

*Replacement of Landside Doors, Shed 21.*—A contract was awarded to Truscon Steel Company of Canada, Limited, in September, 1959, for the supply and erection of 19 vertical lift steel cargo doors. These doors are approximately 19 feet by 10 feet, and are for installation on the landside of shed 21. Materials for this project were delivered to the site in December, and completion is expected in mid-summer, 1960.

*Dredging Inner Berth South Side Pier A-1.*—Foundation Maritime Limited was awarded a contract in June, 1959, for the deepening of the inner berth on the south side of pier A-1 to a depth of 35 feet. This work was completed during the year.

*Outdoor Lighting System, Pier A-1.*—During the year, the Board's forces completed the installation of a lighting system on the open area of pier A-1. The system consisted of 14 steel poles each carrying 2 mercury vapour lamps at 400 watts. All wiring was installed underground.

*Paving Areas at Shore-End of Pier A-1.*—Standard Paving Maritime Limited was awarded a contract in October, 1958, for the paving of the areas at the shore-end of pier A-1 and berth 35, and the laying of crushed gravel surfacing on certain of the open areas at pier A-1. Due to inclement weather conditions, completion of this work was not finalized until June, 1959.

*Replacement of Outdoor Electrical Sub-station, Cold Storage Plant.*—The British Thomson-Houston Co. (Canada) Ltd. were awarded a contract for the supplying of a complete outdoor primary sub-station at the cold storage plant in August, 1957. The erection of the sub-station, which was completed during 1959, was carried out by the Board's forces.

*Construction of Canteen and Gear-room Building.*—Blunden Supplies Limited was awarded a contract for the construction of a combined gear-room and stevedores' canteen building at Ocean Terminals during May, 1958. This building, of brick and concrete block construction, is 82 feet by 51 feet and contains 4 gear-rooms, canteen, and washroom facilities for stevedores. The work was completed in January, 1959.

*Construction of Shed 34 on Pier A-1.*—Fundy Construction Co. Limited was awarded a contract in June, 1958, for the construction of a new transit shed at berth 34, pier A-1. This shed is a rigid frame structural steel building, 616 feet long and 102 feet wide; two sections of the shed each 198 feet long are provided with heating facilities. A two-story office building of brick and concrete block construction located at the east end of the shed provides office space and facilities for stevedores' restroom, washrooms, and gear-rooms. This contract was completed in June, 1959.

*Minor Items.*—These included the paving of areas at Ocean Terminals; purchase of a portable air compressor, and the construction of a stores enclosure at the grain elevator.

### INCOME AND EXPENSE

Operating income amounted to \$1,898,760, as compared with \$1,859,423 in 1958, the increase being \$39,337. Operating expenses were \$1,628,924 as compared with \$1,555,546 in 1958. Net operating income was \$269,836 in 1959, as against \$303,877 in the previous year, the decrease being \$34,041.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net income deficit of \$616,905, as compared with a deficit of \$519,739 in 1958.

# Harbour of Halifax BALANCE SHEET AS AT DECEMBER 31, 1959

## ASSETS

| CURRENT—   |                   |
|--|-------------------|
| Cash.....  | \$ 276,775        |
| Accounts Receivable.....   | 197,822           |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 124,869           |
| Accrued Income.....  | 128,524           |
| Prepaid Expenses.....  | 772               |
|  | <u>\$ 728,762</u> |
| INVESTMENTS IN BONDS—  |                   |
| (at amortized cost, market value \$493,838).....                   |                   |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      | 13,425            |

|  |           |
|--|-----------|
| RESERVE FUNDS—   |           |
| (Cash \$18,964; bonds, at amortized cost, \$8,021,791) |           |
| Replacement of Capital Assets.....                     | 7,605,538 |
| Fire and General Insurance.....                        | 435,217   |

PRELIMINARY CAPITAL EXPENDITURES.....

| CAPITAL ASSETS—                      |            |
|--------------------------------------|------------|
| (at cost or estimated cost)          |            |
| Harbour Dredging.....                | 118,397    |
| Real Estate.....                     | 623,144    |
| Roads, Fences and Boundaries.....    | 295,414    |
| Sewers and Drains.....               | 177,089    |
| Miscellaneous Structures.....        | 15,689     |
| Wharves and Piers.....               | 21,059,483 |
| Permanent Sheds.....                 | 7,767,659  |
| Shed Hoists and Electric Cranes..... | 310        |
| Grain Elevator System.....           | 4,558,298  |
| Cold Storage System.....             | 2,143,751  |
| Office Furniture and Appliances..... | 38,472     |
| Harbour Buildings.....               | 772,157    |
| Central Heating Plants.....          | 53,956     |
| Harbour Shops.....                   | 29,813     |
| Electric Power System.....           | 91,970     |
| Water Supply System.....             | 188,147    |
| Floating Equipment.....              | 19,772     |
| Shore Equipment.....                 | 52,768     |
| Miscellaneous Small Plant.....       | 84,543     |
| Works under Construction.....        | 96,566     |

\$ 38,187,398

\$ 47,460,083

## LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 121,279     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 71,547         |
| CONTRACTORS' HOLDBACKS.....                            | 6,098          |
| DEFERRED INCOME.....                                   | 18,541         |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 13,425         |
|  | <u>230,890</u> |

|   |               |
|---|---------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |               |
| Assets transferred to the Board on its Establishment, and subsequently..... | \$ 17,082,110 |
| Loans and Advances.....   | 24,314,488    |
| Interest in Arrears on Loans and Advances.....                              | 6,494,095     |

## Reserves:

|                                   |                  |
|-----------------------------------|------------------|
| Replacement of Capital Assets.... | \$9,442,196      |
| Fire and General Insurance.....   | 435,217          |
|                                   | <u>9,877,413</u> |
|                                   | 57,768,106       |

## Deduct: Deficit—

|   |           |
|---|-----------|
| Balance at Beginning of Year.....   | 9,919,041 |
| Add: Prior Years' Adjustments (Net).....                                    | 2,967     |
| Net Income (Deficit) for the year, per statement of Income and Expense..... | 616,905   |

|                             |                   |
|-----------------------------|-------------------|
| Balance at End of Year..... | <u>10,538,913</u> |
|-----------------------------|-------------------|

\$ 47,229,193

\$ 47,460,083

# HARBOUR OF HALIFAX

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

### OPERATING INCOME—

#### Harbour—

|                       |           |        |
|-----------------------|-----------|--------|
| Harbour Dues.....     | \$ 55,850 |        |
| Property Rentals..... | 25,636    |        |
| Miscellaneous.....    | 816       |        |
|                       | <u>\$</u> | 82,302 |

#### Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 412,337 |         |
| Dockage.....             | 126,626 |         |
| Wharf Space Rentals..... | 45,612  |         |
| Miscellaneous.....       | 201     |         |
|                          | <u></u> | 584,776 |

#### Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 221,029 |         |
| Storage.....       | 199,121 |         |
| Rentals.....       | 2,600   |         |
| Miscellaneous..... | 12,581  |         |
|                    | <u></u> | 435,331 |

#### Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 265,662 |         |
| Miscellaneous..... | 132,087 |         |
|                    | <u></u> | 397,749 |

#### Permanent Sheds—

|                    |         |         |
|--------------------|---------|---------|
| Shed Rentals.....  | 114,505 |         |
| Storage.....       | 45,164  |         |
| Miscellaneous..... | 167,012 |         |
|                    | <u></u> | 326,681 |

|                             |           |           |
|-----------------------------|-----------|-----------|
| Miscellaneous Services..... | 71,921    |           |
|                             | <u>\$</u> | 1,898,760 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                             |         |           |
|-----------------------------|---------|-----------|
| Harbour.....                | 233,527 |           |
| Wharves and Piers.....      | 73,641  |           |
| Grain Elevator System.....  | 354,202 |           |
| Cold Storage System.....    | 362,222 |           |
| Permanent Sheds.....        | 332,900 |           |
| Miscellaneous Services..... | 82,527  |           |
|                             | <u></u> | 1,439,019 |

#### Administrative—

|  |         |                  |
|--|---------|------------------|
| Salaries.....  | 80,858  |                  |
| Contributions to Public Service Superannuation Account.... | 38,064  |                  |
| Office Expenses.....                                       | 7,468   |                  |
| Miscellaneous.....   | 63,515  |                  |
|  | <u></u> | 189,905          |
|  |         | <u>1,628,924</u> |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 269,836 |
|---------------------------|---------|

### ADD: OTHER INCOME—

|  |         |                |
|--|---------|----------------|
| Income from investments (less \$16,009 transferred to Reserves other than that for Replacement of Capital Assets)..... | 299,739 |                |
| Miscellaneous.....   | 5,457   |                |
|  | <u></u> | 305,196        |
|  |         | <u>575,032</u> |

### DEDUCT: SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 752,287 |           |
| Provision for Replacement of Capital Assets.....  | 426,549 |           |
| Other.....  | 13,101  |           |
|   | <u></u> | 1,191,937 |

|                         |            |
|-------------------------|------------|
| NET INCOME DEFICIT..... | \$ 616,905 |
|-------------------------|------------|



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deepsea berths and 6 berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in 3 sheds, with an aggregate floor space of about 991,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,576,800 bushels, and is connected to 9 of the berths by over 2 miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 1,529                   | 2,639,575                    |
| 1958.....          | 1,660                   | 2,507,257                    |
| 1957.....          | 1,589                   | 2,563,574                    |
| 1956.....          | 1,608                   | 2,701,415                    |
| 1955.....          | 1,454                   | 2,548,372                    |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 1,521                   | 2,625,472                    |
| 1958.....          | 1,654                   | 2,498,558                    |
| 1957.....          | 1,664                   | 2,584,219                    |
| 1956.....          | 1,595                   | 2,660,661                    |
| 1955.....          | 1,455                   | 2,553,310                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|   | 1959              |                        | 1958              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 488               | 1,670,448              | 556               | 1,712,094              |
| Coastal or inland commercial (including fishery)..... | 987               | 931,195                | 1,020             | 757,620                |
| Other.....  | 54                | 37,932                 | 84                | 37,543                 |
| Total.....  | 1,529             | 2,639,575              | 1,660             | 2,507,257              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 485               | 1,681,452              | 560               | 1,706,728              |
| Coastal or inland commercial (including fishery)..... | 982               | 906,398                | 1,016             | 753,444                |
| Other.....  | 54                | 37,622                 | 78                | 38,386                 |
| Total.....  | 1,521             | 2,625,472              | 1,654             | 2,498,558              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1959.....        | 983,662   | 1,104,189 | 2,087,851 |
| 1958.....        | 858,482   | 1,147,450 | 2,005,932 |
| 1957.....        | 787,811   | 1,318,515 | 2,106,326 |
| 1956.....        | 935,276   | 1,614,493 | 2,549,769 |
| 1955.....        | 840,047   | 1,558,996 | 2,399,043 |
| <i>Domestic—</i> |           |           |           |
| 1959.....        | 432,367   | 127,796   | 560,163   |
| 1958.....        | 400,648   | 138,634   | 539,282   |
| 1957.....        | 425,600   | 136,937   | 562,537   |
| 1956.....        | 360,582   | 146,900   | 507,482   |
| 1955.....        | 313,146   | 114,339   | 427,485   |
| <i>Total—</i>    |           |           |           |
| 1959.....        | 1,416,029 | 1,231,985 | 2,648,014 |
| 1958.....        | 1,259,130 | 1,286,084 | 2,545,214 |
| 1957.....        | 1,213,411 | 1,455,452 | 2,668,863 |
| 1956.....        | 1,295,858 | 1,761,393 | 3,057,251 |
| 1955.....        | 1,153,193 | 1,673,335 | 2,826,528 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil,<br>fuel | Grain   | Sugar,<br>raw | Gasoline | Motor<br>Vehicles<br>and Parts | Flour,<br>wheat | Paper,<br>newsprint | Potatoes | Oil<br>Cake<br>and<br>Oil-cake<br>Meal | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate |
|------------------|---------------------------|---------|---------------|----------|--------------------------------|-----------------|---------------------|----------|--|---|--|
| <i>Foreign—</i>  |                           |         |               |          |                                |                 |                     |          |  |   |  |
| Inward—          |                           |         |               |          |                                | 1,470           |                     |          |  | 1,407   | 24,959   |
| 1959.....        | 258,445                   | 61      | 215,821       | 61,796   | 173,412                        | 1               |                     |          |  | 2,253   | 15,398   |
| 1958.....        | 200,232                   |         | 189,032       | 81,234   | 115,256                        |                 |                     |          | 719                                    |   |  |
| Outward—         |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        |                           | 550,033 |               |          | 7,433                          | 99,356          | 95,103              | 44,447   | 36,914                                 | 29,909  | 5,399  |
| 1958.....        | 5                         | 580,495 |               |          | 9,543                          | 100,921         | 43,833              | 39,307   | 24,331                                 | 46,284  | 3,937  |
| <i>Domestic—</i> |                           |         |               |          |                                |                 |                     |          |  |   |  |
| Inward—          |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        | 266,714                   | 20      |               | 128,045  | 95                             | 886             |                     |          |  | 5,035   | 927  |
| 1958.....        | 246,037                   | 90      |               | 110,951  | 31                             |                 |                     |          |  | 1,720   |  |
| Outward—         |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        | 42,525                    | 746     |               | 24,809   | 257                            | 1,068           |                     |          | 2,019                                  | 1,086   | 126  |
| 1958.....        | 39,100                    | 709     |               | 27,462   | 264                            | 1,249           |                     | 153      | 1,876                                  | 1,803   | 262  |
| <i>Totals—</i>   |                           |         |               |          |                                |                 |                     |          |  |   |  |
| Inward—          |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        | 525,159                   | 81      | 215,821       | 189,841  | 173,507                        | 2,356           |                     |          |  | 6,442   | 24,959   |
| 1958.....        | 446,269                   | 90      | 189,032       | 192,185  | 115,287                        | 1               |                     |          | 719                                    | 3,973   | 16,325   |
| Outward—         |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        | 42,525                    | 550,779 |               | 24,809   | 7,690                          | 100,424         | 95,103              | 44,447   | 38,933                                 | 30,995  | 5,525  |
| 1958.....        | 39,105                    | 581,204 |               | 27,462   | 9,812                          | 102,170         | 43,833              | 39,460   | 26,207                                 | 48,087  | 4,199  |
| <i>Total—</i>    |                           |         |               |          |                                |                 |                     |          |  |   |  |
| 1959.....        | 567,684                   | 550,860 | 215,821       | 214,650  | 181,197                        | 102,780         | 95,103              | 44,447   | 38,933                                 | 37,437  | 30,484   |
| 1958.....        | 485,374                   | 581,294 | 189,032       | 219,647  | 125,099                        | 102,171         | 43,833              | 39,460   | 26,926                                 | 52,060  | 20,524   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Glass<br>and Glass<br>Manu-<br>factures | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Fertilizers<br>and<br>Fertilizer<br>Materials | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Rubber,<br>crude &<br>(including<br>Latex) | Wood-pulp | Molasses | Fruit<br>and<br>Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Jute<br>and Jute<br>Manu-<br>factures | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures |
|------------------|---|--|--|---|---|--|-----------|----------|--|---------------------------------------|--|
| <i>Foreign—</i>  |   |  |  |   |   |  |           |          |  |                                       |  |
| Inward—          |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 28,872                                  | .....  | 474  | 24,139  | 14,647  | 48   | .....     | 16,354   | 8,855  | 12,061                                | 179  |
| 1958.....        | 16,690                                  | .....  | 137  | 34,632  | 17,542  | 59   | 36        | 18,953   | 9,535  | 10,354                                | 190  |
| Outward—         |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 92                                      | 29,297   | 24,324   | 44  | 6,453   | 16,006                                     | 16,987    | 1        | 2,749  | 14                                    | 12,204   |
| 1958.....        | 141                                     | 39,487   | 27,519   | 31  | 3,974   | 22,775                                     | 25,350    | .....    | 1,113  | 16                                    | 14,926   |
| <i>Domestic—</i> |   |  |  |   |   |  |           |          |  |                                       |  |
| Inward—          |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | .....                                   | .....  | .....  | 106   | 791   | 3,504                                      | .....     | .....    | 944  | 519                                   | .....  |
| 1958.....        | 127                                     | .....  | 15   | 900   | 189   | 5,274                                      | .....     | .....    | 860  | 100                                   | .....  |
| Outward—         |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 1,169                                   | .....  | .....  | 324   | 187   | .....                                      | 23        | 621      | 728  | .....                                 | 20   |
| 1958.....        | 936                                     | .....  | .....  | 306   | 204   | 183  | 117       | 827      | 825  | 39                                    | 20   |
| <i>Totals—</i>   |   |  |  |   |   |  |           |          |  |                                       |  |
| Inward—          |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 28,872                                  | .....  | 474  | 24,245  | 15,438  | 3,552                                      | .....     | 16,354   | 9,799  | 12,580                                | 179  |
| 1958.....        | 16,817                                  | .....  | 152  | 35,532  | 17,731  | 5,333                                      | 36        | 18,953   | 10,395   | 10,454                                | 190  |
| Outward—         |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 1,261                                   | 29,297   | 24,324   | 368   | 6,640   | 16,006                                     | 17,010    | 692      | 3,477  | 14                                    | 12,224   |
| 1958.....        | 1,077                                   | 39,487   | 27,519   | 337   | 4,178   | 22,958                                     | 25,467    | 827      | 1,938  | 55                                    | 14,946   |
| <i>Total—</i>    |   |  |  |   |   |  |           |          |  |                                       |  |
| 1959.....        | 30,133                                  | 29,297   | 24,798   | 24,613  | 22,078  | 19,558                                     | 17,010    | 16,976   | 13,276   | 12,594                                | 12,403   |
| 1958.....        | 17,894                                  | 39,487   | 27,071   | 35,869  | 21,909  | 28,291                                     | 25,503    | 19,780   | 12,333   | 10,509                                | 15,136   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Electrical<br>Goods not<br>otherwise<br>specified | Beverages,<br>alcoholic | Food-<br>stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | Chemicals<br>not<br>otherwise<br>specified | Coke   | Paper not<br>otherwise<br>specified | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Spars,<br>and Ties<br>(railway) | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Sulphur |
|------------------|---|-------------------------|--|--|--------|-------------------------------------|--|--|--|---|---------|
| <i>Foreign—</i>  |   |                         |  |  |        |                                     |  |  |  |   |         |
| Inward—          |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 5,508   | 8,389                   | 4,044  | 7,815                                      | .....  | 2,276                               | 1,840  | 124  | .....  | 230   | 8,784   |
| 1958.....        | 6,674   | 7,095                   | 3,933  | 5,324                                      | .....  | 2,514                               | 538  | 1,016  | .....  | 27  | 10,330  |
| Outward—         |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 6,063   | 739                     | 651  | 2,209                                      | 10,570 | 6,463                               | 3,721  | 9,036  | 8,926  | 8,592   | .....   |
| 1958.....        | 1,862   | 728                     | 881  | 3,624                                      | 8,418  | 5,855                               | 3,386  | 8,047  | 6,986  | 12,067  | .....   |
| <i>Domestic—</i> |   |                         |  |  |        |                                     |  |  |  |   |         |
| Inward—          |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | .....   | 976                     | 5,590  | 115  | .....  | 473                                 | 3,716  | .....  | .....  | 10  | .....   |
| 1958.....        | .....   | 936                     | 7,208  | 93   | .....  | 602                                 | 2,932  | .....  | .....  | 30  | .....   |
| Outward—         |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 128   | 1,444                   | 905  | 599  | .....  | 1,275                               | 118  | 66   | 7  | .....   | .....   |
| 1958.....        | 182   | 2,412                   | 1,428  | 1,059                                      | .....  | 1,401                               | 392  | 1  | .....  | .....   | .....   |
| <i>Totals—</i>   |   |                         |  |  |        |                                     |  |  |  |   |         |
| Inward—          |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 5,508   | 9,365                   | 9,634  | 7,930                                      | .....  | 2,749                               | 5,556  | 124  | .....  | 240   | 8,784   |
| 1958.....        | 6,674   | 8,031                   | 11,141   | 6,017                                      | .....  | 3,116                               | 3,470  | 1,016  | .....  | 57  | 10,330  |
| Outward—         |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 6,191   | 2,183                   | 1,556  | 2,808                                      | 10,570 | 7,738                               | 3,839  | 9,102  | 8,933  | 8,592   | .....   |
| 1958.....        | 2,044   | 3,140                   | 2,309  | 4,683                                      | 8,418  | 7,346                               | 3,778  | 8,048  | 6,986  | 12,067  | .....   |
| <i>Total—</i>    |   |                         |  |  |        |                                     |  |  |  |   |         |
| 1959.....        | 11,699  | 11,548                  | 11,190   | 10,738                                     | 10,570 | 10,487                              | 9,395  | 9,226  | 8,933  | 8,832   | 8,784   |
| 1958.....        | 8,718   | 11,171                  | 13,450   | 10,700                                     | 8,418  | 10,462                              | 7,248  | 9,064  | 6,986  | 12,124  | 10,330  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Pulpboard<br>(except<br>Wallboard) | Iron<br>or Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Meats,<br>canned,<br>prepared or<br>preserved | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Tea   | Cotton<br>Manu-<br>factures not<br>otherwise<br>specified | Wood,<br>unmanu-<br>factured,<br>not<br>otherwise<br>specified | Zinc<br>Spelter | Woolen<br>Manu-<br>factures not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|------------------------------------|--|---|---|-------|---|--|-----------------|---|--|-----------|
| <i>Foreign—</i>  |                                    |  |   |   |       |   |  |                 |   |  |           |
| Inward—          |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 3                                  | 6,377  | 3,517   | 105   | 6,309 | 3,443   | 2,222  | .....           | 5,679   | 73,997                                     | 983,662   |
| 1958.....        | 2                                  | 8,230  | 3,117   | 90  | 5,919 | 3,296   | 367  | .....           | 5,816   | 62,713                                     | 858,482   |
| Outward—         |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 7,903                              | 1,128  | 3,365   | 4,627   | 1     | 972   | 3,715  | 6,145           | 146   | 42,452                                     | 1,104,189 |
| 1958.....        | 10,887                             | 1,378  | 1,030   | 3,778   | ..... | 914   | 1,058  | 4,403           | 144   | 47,086                                     | 1,147,450 |
| <i>Domestic—</i> |                                    |  |   |   |       |   |  |                 |   |  |           |
| Inward—          |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 13                                 | .....  | .....   | .....   | ..... | 1,487   | 15   | .....           | .....   | 13,313                                     | 432,367   |
| 1958.....        | 13                                 | 24   | 19  | .....   | ..... | 1,364   | 62   | .....           | 8   | 17,840                                     | 400,648   |
| Outward—         |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 117                                | 339  | 281   | 2,190   | 569   | 484   | 216  | .....           | 126   | 43,224                                     | 127,796   |
| 1958.....        | 48                                 | 437  | 200   | 3,514   | 407   | 1,844   | 49   | .....           | 125   | 46,928                                     | 138,634   |
| <i>Totals—</i>   |                                    |  |   |   |       |   |  |                 |   |  |           |
| Inward—          |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 16                                 | 6,377  | 3,517   | 105   | 6,309 | 4,930   | 2,237  | .....           | 5,679   | 87,310                                     | 1,416,029 |
| 1958.....        | 15                                 | 8,254  | 3,136   | 90  | 5,919 | 4,660   | 429  | .....           | 5,824   | 80,553                                     | 1,259,130 |
| Outward—         |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 8,020                              | 1,467  | 3,646   | 6,817   | 570   | 1,456   | 3,931  | 6,145           | 272   | 85,676                                     | 1,231,985 |
| 1958.....        | 10,935                             | 1,815  | 1,230   | 7,292   | 407   | 2,758   | 1,107  | 4,403           | 269   | 94,014                                     | 1,286,084 |
| <i>Total—</i>    |                                    |  |   |   |       |   |  |                 |   |  |           |
| 1959.....        | 8,036                              | 7,844  | 7,163   | 6,922   | 6,879 | 6,386   | 6,168  | 6,145           | 5,951   | 172,986                                    | 2,648,014 |
| 1958.....        | 10,950                             | 10,069   | 4,366   | 7,382   | 6,326 | 7,418   | 1,536  | 4,403           | 6,093   | 174,567                                    | 2,545,214 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1959.....         | 1,606  | 1,273    | 2,879   |
| 1958.....         | 2,375  | 1,980    | 4,355   |
| 1957.....         | 10,181 | 2,435    | 12,616  |
| 1956.....         | 5,153  | 2,143    | 7,296   |
| 1955.....         | 2,567  | 1,532    | 4,099   |
| <i>Coastwise—</i> |        |          |         |
| 1959.....         | 48,588 | 46,422   | 95,010  |
| 1958.....         | 49,954 | 50,624   | 100,578 |
| 1957.....         | 53,421 | 53,073   | 106,494 |
| 1956.....         | 53,572 | 52,752   | 106,324 |
| 1955.....         | 50,594 | 49,599   | 100,193 |
| <i>Total—</i>     |        |          |         |
| 1959.....         | 50,194 | 47,695   | 97,889  |
| 1958.....         | 52,329 | 52,604   | 104,933 |
| 1957.....         | 63,602 | 55,508   | 119,110 |
| 1956.....         | 58,725 | 54,895   | 113,620 |
| 1955.....         | 53,161 | 51,131   | 104,296 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1959.....         |            | 18,433,241 | 18,433,241 |
| 1958.....         |            | 18,959,644 | 18,959,644 |
| 1957.....         |            | 16,096,593 | 16,096,593 |
| 1956.....         |            | 28,649,717 | 28,649,717 |
| 1955.....         |            | 23,467,605 | 23,467,605 |
| <i>Via rail—</i>  |            |            |            |
| 1959.....         | 18,835,396 |            | 18,835,396 |
| 1958.....         | 18,457,035 |            | 18,457,035 |
| 1957.....         | 16,514,916 |            | 16,514,916 |
| 1956.....         | 28,120,579 |            | 28,120,579 |
| 1955.....         | 23,300,679 | 18,856     | 23,319,535 |
| <i>Via other—</i> |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1959.....         | 18,835,396 | 18,433,241 | 37,268,637 |
| 1958.....         | 18,457,035 | 18,959,644 | 37,416,679 |
| 1957.....         | 16,514,916 | 16,096,593 | 32,611,509 |
| 1956.....         | 28,120,579 | 28,649,717 | 56,770,296 |
| 1955.....         | 23,300,679 | 23,486,461 | 46,787,140 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$332,464. The principal items were dredging 12 berths to a depth of 30 feet; berth 3, Broad Street berth, and centre of slips of berths 3 and 4 to depths of 31 feet, 22 feet and 28 feet respectively (all depths are below Low Water Ordinary Spring Tides); repairing timber trestle at piers 5, 6 and 7; repairing vertical fenders; renewing wood decking at Broad Street wharf; concrete refacing at pier 13; painting exterior of shed 14 and interior of sheds 11 and 12; renewing portion of roof on shed 10; repairing and renewing shed doors; painting grain galleries at sheds 1, 2 and 3; renewing grain elevator sash, and repairing travelling gantry at shed 6.

## CAPITAL WORKS

Capital expenditures amounted to \$75,475, of which \$7,332 was provided from replacement fund. The principal items were:—

*Conversion of Central Heating Plant at Sheds 12, 13 and 14.*—The conversion of the central heating systems for sheds 12, 13 and 14 to oil-fired units was undertaken by the Board's forces. Sheds 12 and 14 were completed during 1958 and shed 13 was completed during 1959.

*Improvements to Approaches to Sheds 2 and 3.*—This work, which was carried out by the Board's forces, was designed to improve the flow of traffic at this point.

*Loading Ramps for Transport Trucks at Shed 7.*—A timber loading ramp to permit tail-gate loading for transport trucks was constructed by the Board's forces at the rear of shed 7.

*Minor Items.*—These consisted of painting corrugated siding on new shed extensions; the purchase of a compressor, a truck, a snow blade for the tractor loader, and a printing machine for the engineering office.

## INCOME AND EXPENSE

Operating income amounted to \$824,496, as compared with \$794,814 in 1958, while operating expenses totalled \$869,110, as against \$908,112 in the previous year. There was an operating deficit of \$44,614 in 1959 as compared with an operating deficit of \$113,298 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$1,091,428 in 1959, as against a deficit of \$1,144,557 in 1958.



# Harbour of Saint John BALANCE SHEET AS AT DECEMBER 31, 1959

## ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | 76,714            |
| Accounts Receivable.....   | 63,976            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 32,079            |
| Accrued Income.....  | 52,132            |
| Prepaid Expenses.....  | 288               |
|  | <u>\$ 225,189</u> |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      | 16,224            |
| RESERVE FUNDS—   |                   |
| (Cash, \$117,053; bonds, at amortized cost, \$5,471,300)           |                   |
| Replacement of Capital Assets.....                                 | 5,178,956         |
| Fire and General Insurance.....                                    | 409,397           |
|  | <u>5,588,353</u>  |
| PRELIMINARY CAPITAL EXPENDITURES.....                              | 531               |

|                                      |                   |
|--------------------------------------|-------------------|
| CAPITAL ASSETS—                      |                   |
| (At cost or estimated cost)          |                   |
| Harbour Dredging.....                | 1,229,568         |
| Real Estate.....                     | 2,036,780         |
| Vehicular Bridges.....               | 30,107            |
| Roads, Fences and Boundaries.....    | 189,265           |
| Wharves and Piers.....               | 21,188,856        |
| Permanent Sheds.....                 | 4,917,631         |
| Railway System.....                  | 192,661           |
| Grain Elevator System.....           | 4,495,803         |
| Office Furniture and Appliances..... | 23,901            |
| Harbour Buildings.....               | 113,956           |
| Central Heating Plants.....          | 19,280            |
| Water Supply System.....             | 15,289            |
| Floating Equipment.....              | 163,094           |
| Shore Equipment.....                 | 175,160           |
| Miscellaneous Small Plant.....       | 23,584            |
| Works under Construction.....        | 18,804            |
|                                      | <u>34,803,739</u> |

\$ 40,634,036

## LIABILITIES

|  |                  |
|--|------------------|
| ACCOUNTS PAYABLE—GENERAL.....  | \$ 65,603        |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....                                 | 716              |
| DEFERRED INCOME.....   | 16,678           |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....                         | <u>16,224</u>    |
|  | 99,221           |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |                  |
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 6,965,941     |
| Loans and Advances.....  | 27,671,023       |
| Interest in Arrears on Loans and Advances.....                                 | 11,518,343       |
| Reserves:  |                  |
| Replacement of Capital Assets.....   | \$ 9,328,606     |
| Fire and General Insurance.....  | 409,397          |
|  | <u>9,738,003</u> |
|  | 55,893,310       |

|  |                      |
|--|----------------------|
| Deduct: Deficit—   |                      |
| Balance at Beginning of Year.....  | 14,258,323           |
| Add: Prior Years' Adjustments (Net).....   | 8,744                |
| Net Income (Deficit) for the year, per state-<br>ment of Income and Expense..... | 1,091,428            |
|  | <u>\$ 15,358,495</u> |
| Balance at End of Year.....  | \$ 40,534,815        |

\$ 40,634,036

## HARBOUR OF SAINT JOHN

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 20,434         |           |
| Property Rentals..... | 38,463            |           |
| Miscellaneous.....    | 2,041             |           |
|                       | <u>          </u> | \$ 60,938 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 440,573           |         |
| Dockage.....             | 124,240           |         |
| Wharf Space Rentals..... | 60                |         |
| Miscellaneous.....       | 35                |         |
|                          | <u>          </u> | 564,908 |

##### Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 52,605 |
|--------------|--|--------|

##### Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 36,758            |        |
| Storage.....      | 23,849            |        |
|                   | <u>          </u> | 60,607 |

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... |                   | 85,438     |
|                             | <u>          </u> | \$ 824,496 |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|   |                   |         |
|---|-------------------|---------|
| Harbour (including \$154,024 for dredging)..... | 336,850           |         |
| Wharves and Piers.....                          | 100,484           |         |
| Grain Elevator System.....                      | 21,802            |         |
| Permanent Sheds.....                            | 182,706           |         |
| Miscellaneous Services.....                     | 110,597           |         |
|   | <u>          </u> | 752,439 |

##### Administrative—

|   |                   |         |
|---|-------------------|---------|
| Salaries.....   | 59,192            |         |
| Contributions to Public Service Superannuation Account... | 20,594            |         |
| Office Expenses.....                                      | 4,569             |         |
| Miscellaneous.....  | 32,316            |         |
|   | <u>          </u> | 116,671 |

869,110

|                            |  |        |
|----------------------------|--|--------|
| NET OPERATING DEFICIT..... |  | 44,614 |
|----------------------------|--|--------|

#### DEDUCT: OTHER INCOME—

|  |                   |         |
|--|-------------------|---------|
| Income from Investments (less \$14,975 transferred to Reserves other than that for Replacement of Capital Assets)..... | 191,118           |         |
| Miscellaneous.....   | 272               |         |
|  | <u>          </u> | 191,390 |
|  |                   | 146,776 |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 820,154           |           |
| Provision for Replacement of Capital Assets.....  | 416,116           |           |
| Other.....  | 1,934             |           |
|   | <u>          </u> | 1,238,204 |

|                         |              |  |
|-------------------------|--------------|--|
| NET INCOME DEFICIT..... | \$ 1,091,428 |  |
|-------------------------|--------------|--|

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing 5 berths for ships of 26-foot draft and 1 berth for coastal vessels; one open mooring berth with a draft of 18 feet for oil tankers; a concrete transit shed 400 feet by 60 feet; a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 207                     | 225,527                      |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 207                     | 225,527                      |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| 1955.....          | 199                     | 193,947                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|   | 1959                    |                              | 1958                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 20                      | 44,689                       | 12                      | 19,687                       |
| Coastal or inland commercial (including fishery)..... | 181                     | 179,352                      | 173                     | 163,740                      |
| Other.....  | 6                       | 1,486                        | 8                       | 1,313                        |
| Total.....  | 207                     | 225,527                      | 193                     | 184,740                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 20                      | 44,689                       | 12                      | 19,687                       |
| Coastal or inland commercial (including fishery)..... | 181                     | 179,352                      | 173                     | 163,740                      |
| Other.....  | 6                       | 1,486                        | 8                       | 1,313                        |
| Total.....  | 207                     | 225,527                      | 193                     | 184,740                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1959 .....       | 41,783  | 1,532   | 43,315  |
| 1958 .....       | 23,490  | 3,715   | 27,205  |
| 1957 .....       | 56,534  | 3,469   | 60,003  |
| 1956 .....       | 96,385  | 1,960   | 98,345  |
| 1955 .....       | 35,305  | 940     | 36,245  |
| <i>Domestic—</i> |         |         |         |
| 1959 .....       | 339,961 | 10,920  | 350,881 |
| 1958 .....       | 285,587 | 3,356   | 288,943 |
| 1957 .....       | 289,027 | 5,383   | 294,410 |
| 1956 .....       | 277,999 | 8,435   | 286,434 |
| 1955 .....       | 305,381 | 3,797   | 309,178 |
| <i>Total—</i>    |         |         |         |
| 1959 .....       | 381,744 | 12,452  | 394,196 |
| 1958 .....       | 309,077 | 7,071   | 316,148 |
| 1957 .....       | 345,561 | 8,852   | 354,413 |
| 1956 .....       | 374,384 | 10,395  | 384,779 |
| 1955 .....       | 340,686 | 4,737   | 345,423 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, fuel | Gasoline | Coal,<br>bituminous | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Sulphur | Coal,<br>anthracite | Wallboard | Wood,<br>unmanu-<br>factured<br>not<br>otherwise<br>specified | Feed,<br>animal<br>or<br>poultry<br>not<br>otherwise<br>specified | All<br>Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|------------------------|----------|---------------------|---|---------|---------------------|-----------|---|---|---|---------|
| <i>Foreign—</i>  |                        |          |                     |   |         |                     |           |   |   |   |         |
| Inward—          |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 26,849                 |          | 4,914               |   | 7,555   | 2,465               |           |   |   |   | 41,783  |
| 1958.....        | 5,650                  |          | 10,439              |   | 7,401   |                     |           |   |   |   | 23,490  |
| Outward—         |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        |                        |          |                     |   |         |                     |           | 1,532   |   |   | 1,532   |
| 1958.....        |                        |          |                     |   |         |                     |           | 3,715   |   |   | 3,715   |
| <i>Domestic—</i> |                        |          |                     |   |         |                     |           |   |   |   |         |
| Inward—          |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 191,106                | 122,789  | 16,033              | 29  |         |                     | 1,696     |   | 1,223   | 7,085   | 339,961 |
| 1958.....        | 141,928                | 117,917  | 15,747              | 52  |         |                     | 1,711     |   | 1,204   | 7,028   | 285,587 |
| Outward—         |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 3,014                  |          |                     | 7,739   |         |                     |           |   |   | 167   | 10,920  |
| 1958.....        | 988                    |          |                     | 2,073   |         |                     |           |   |   | 295   | 3,356   |
| <i>Totals—</i>   |                        |          |                     |   |         |                     |           |   |   |   |         |
| Inward—          |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 217,955                | 122,789  | 20,947              | 29  | 7,555   | 2,465               | 1,696     |   | 1,223   | 7,085   | 381,744 |
| 1958.....        | 147,578                | 117,917  | 26,186              | 52  | 7,401   |                     | 1,711     |   | 1,204   | 7,028   | 309,077 |
| Outward—         |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 3,014                  |          |                     | 7,739   |         |                     |           | 1,532   |   | 167   | 12,452  |
| 1958.....        | 988                    |          |                     | 2,073   |         |                     |           | 3,715   |   | 295   | 7,071   |
| Total—           |                        |          |                     |   |         |                     |           |   |   |   |         |
| 1959.....        | 220,969                | 122,789  | 20,947              | 7,768   | 7,555   | 2,465               | 1,696     | 1,532   | 1,223   | 7,252   | 394,196 |
| 1958.....        | 148,566                | 117,917  | 26,186              | 2,125   | 7,401   |                     | 1,711     | 3,715   | 1,204   | 7,323   | 316,148 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1959.....         |        |          |       |
| 1958.....         |        |          |       |
| 1957.....         |        |          |       |
| 1956.....         |        |          |       |
| 1955.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |
| <i>Total—</i>     |        |          |       |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| 1955.....         | 4,423  | 4,780    | 9,203 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$17,209. The principal items were general repairs to wharves, piers, sheds, roads, and water system.

## CAPITAL WORKS

Capital expenditures amounted to \$72,176. The work consisted of:—

*Construction of Underwater Pipeline.*—A contract was awarded to J. R. Theberge Limited in April, 1959, for the construction of an underwater pipeline. The work was completed in July.

## INCOME AND EXPENSE

Operating income amounted to \$118,420, as compared with \$110,486 in 1958. Operating expenses were \$41,584, the corresponding figure in 1958 being \$39,499. Net operating income was \$76,836, as compared with \$70,987 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$31,493, as compared with a deficit of \$40,702 in 1958.

## Harbour of Chicoutimi

## BALANCE SHEET AS AT DECEMBER 31, 1959

| ASSETS   |                  | LIABILITIES   |                  |
|--|------------------|---|------------------|
| CURRENT—   |                  | ACCOUNTS PAYABLE—GENERAL.....\$                       |                  |
| Cash.....  | \$ 169,985       |   | 603              |
| Accounts Receivable.....   | 1,514            |   |                  |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 21,854           | DEFERRED INCOME.....                                  | 4,986            |
|  | <u>193,353</u>   |   | <u>5,589</u>     |
| RESERVE FUNDS—   |                  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—       |                  |
| (Cash, \$15,045; bonds, at amortized cost, \$839,910)              |                  | Assets transferred to the Board on its establishment, |                  |
| Replacement of Capital Assets.....                                 | 829,830          | and subsequently.....\$                               | 459,398          |
| Fire and General Insurance.....                                    | 25,125           | Loans and Advances.....                               | 3,902,462        |
|  | <u>854,955</u>   | Interest in Arrears on Loans and Advances.....        | 2,736,772        |
| CAPITAL ASSETS—  |                  | Reserves:   |                  |
| (At cost or estimated cost)  |                  | Replacement of Capital Assets.....\$                  | 968,330          |
| Harbour Dredging.....  | 445,828          | Fire and General Insurance.....                       | 25,125           |
| Real Estate.....   | 35,626           |   | <u>993,455</u>   |
| Roads, Fences and Boundaries.....                                  | 115,906          |   | <u>8,092,087</u> |
| Sewers and Drains.....   | 165,653          |   |                  |
| Wharves and Piers.....   | 3,004,928        | Deduct: Deficit—                                      |                  |
| Permanent Sheds.....   | 124,083          | Balance at Beginning of Year.....                     | 3,046,078        |
| Railway System.....  | 38,599           | Add: Net Income (Deficit) for the year, per           |                  |
| Office Furniture and Appliances.....                               | 4,124            | statement of Income and Expense.....                  | 31,493           |
| Electric Power System.....   | 4,561            |   | <u>3,077,571</u> |
| Water Supply System.....   | 16,768           | Balance at End of Year.....                           | 5,014,516        |
| Floating Equipment.....  | 3,266            |   |                  |
| Shore Equipment.....   | 988              |   |                  |
| Miscellaneous Small Plant.....                                     | 1,472            |   |                  |
| Engineering—General Surveys.....                                   | 9,995            |   |                  |
|  | <u>3,971,797</u> |   |                  |
|  | \$ 5,020,105     |   | \$ 5,020,105     |

## HARBOUR OF CHICOUTIMI

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

#### OPERATING INCOME—

##### Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 1,196          |          |
| Property Rentals..... | 240               |          |
| Miscellaneous.....    | 189               |          |
|                       | <u>          </u> | \$ 1,625 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 44,482            |         |
| Dockage.....             | 3,231             |         |
| Wharf Space Rentals..... | 62,067            |         |
| Miscellaneous.....       | 10                |         |
|                          | <u>          </u> | 109,790 |

##### Permanent Sheds—

|                             |                   |                   |
|-----------------------------|-------------------|-------------------|
| Shed Rentals.....           | 1,600             |                   |
| Storage.....                | 4,446             |                   |
|                             | <u>          </u> | 6,046             |
| Miscellaneous Services..... |                   | 959               |
|                             |                   | <u>          </u> |

\$ 118,420

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 5,712             |        |
| Wharves and Piers.....      | 18,216            |        |
| Permanent Sheds.....        | 1,188             |        |
| Railway System.....         | 25                |        |
| Miscellaneous Services..... | 1,316             |        |
|                             | <u>          </u> | 26,457 |

##### Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 9,390             |                   |
| Contributions to Public Service Superannuation Account.... | 1,639             |                   |
| Office Expenses.....                                       | 1,442             |                   |
| Miscellaneous.....   | 2,656             |                   |
|  | <u>          </u> | 15,127            |
|  |                   | <u>          </u> |
|  |                   | 41,584            |

NET OPERATING INCOME..... 76,836

#### ADD: OTHER INCOME—

|   |                   |
|---|-------------------|
| Income from Investments (less \$959 transferred to Reserves other than that for Replacement of Capital Assets)..... | 30,416            |
|   | <u>          </u> |
|   | 107,252           |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 105,551           |         |
| Provision for Replacement of Capital Assets.....  | 33,184            |         |
| Other.....  | 10                |         |
|   | <u>          </u> | 138,745 |

NET INCOME DEFICIT..... \$ 31,493



## HARBOUR OF QUEBEC

The harbour of Quebec is situated on the St. Lawrence River about 160 miles below Montreal. It is open to all ocean navigation for about 8 months in the year and to coastal and limited ocean navigation the year round. The facilities operated by the National Harbours Board include 20,900 linear feet of berthing providing 28 deepsea berths and 14 berths for coastal shipping. There are 9 transit sheds with a total floor area of about 693,000 square feet; 23 miles of standard gauge terminal railway, connected with both Canadian railways; a grain elevator with a capacity of 6,000,000 bushels and 2,000 linear feet of shipping galleries, with a shipping capacity of 90,000 bushels per hour; 4 marine towers for unloading boats; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75-tons capacity, and 3 locomotive cranes with a capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 4,315                   | 7,681,873                    |
| 1958.....          | 4,474                   | 6,781,925                    |
| 1957.....          | 4,537                   | 6,884,587                    |
| 1956.....          | 4,751                   | 6,588,040                    |
| 1955.....          | 4,467                   | 6,123,183                    |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 4,327                   | 7,686,298                    |
| 1958.....          | 4,479                   | 6,776,217                    |
| 1957.....          | 4,527                   | 6,890,020                    |
| 1956.....          | 4,741                   | 6,578,618                    |
| 1955.....          | 4,464                   | 6,119,396                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

| —   | 1959              |                        | 1958              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,002             | 5,229,538              | 955               | 4,371,246              |
| Coastal or inland commercial (including fishery)..... | 3,093             | 2,314,480              | 3,497             | 2,406,486              |
| Other.....  | 220               | 137,855                | 22                | 4,193                  |
| Total.....  | 4,315             | 7,681,873              | 4,474             | 6,781,925              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,001             | 5,225,818              | 955               | 4,371,246              |
| Coastal or inland commercial (including fishery)..... | 3,092             | 2,312,995              | 3,497             | 2,399,198              |
| Other.....  | 234               | 147,485                | 27                | 5,773                  |
| Total.....  | 4,327             | 7,686,298              | 4,479             | 6,776,217              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| —                | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1959.....        | 679,016   | 898,675   | 1,577,691 |
| 1958.....        | 189,222   | 847,723   | 1,036,945 |
| 1957.....        | 90,636    | 814,425   | 905,061   |
| 1956.....        | 221,161   | 1,040,696 | 1,261,857 |
| 1955.....        | 238,918   | 734,292   | 973,210   |
| <i>Domestic—</i> |           |           |           |
| 1959.....        | 2,497,073 | 150,889   | 2,647,962 |
| 1958.....        | 2,661,433 | 260,861   | 2,922,294 |
| 1957.....        | 2,618,079 | 219,036   | 2,837,115 |
| 1956.....        | 2,766,170 | 253,219   | 3,019,383 |
| 1955.....        | 2,280,036 | 143,677   | 2,423,713 |
| <i>Total—</i>    |           |           |           |
| 1959.....        | 3,176,089 | 1,049,564 | 4,225,653 |
| 1958.....        | 2,850,655 | 1,108,584 | 3,959,239 |
| 1957.....        | 2,708,715 | 1,033,461 | 3,742,176 |
| 1956.....        | 2,987,331 | 1,293,915 | 4,281,246 |
| 1955.....        | 2,518,954 | 877,969   | 3,396,923 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, fuel | Grain   | Pulpwood | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Paper,<br>newsprint | Coal,<br>bitu-<br>minious | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Cement,<br>common or<br>portland | Iron or<br>Steel,<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Skeels,<br>Skelp,<br>Strip and<br>Tin Plate | Wood-pulp |
|------------------|------------------------|---------|----------|----------|--|---------------------|---------------------------|---|----------------------------------|---|-----------|
| <i>Foreign—</i>  |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| Inward—          |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 478,765                | 8,942   |          | 43,581   |  |                     |                           |   | 923                              | 27,675  |           |
| 1958.....        | 46,783                 | 5,187   |          | 20,372   |  |                     |                           |   | 627                              | 13,134  |           |
| Outward—         |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        |                        | 335,208 |          |          | 225,317  | 191,100             |                           | 59,358  |                                  | 654   | 28,237    |
| 1958.....        |                        | 430,655 |          |          | 162,640  | 130,000             |                           | 62,173  |                                  | 3,994   | 18,330    |
| <i>Domestic—</i> |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| Inward—          |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 555,510                | 518,989 | 794,567  | 372,517  |  | 62                  | 188,164                   | 1,037   | 33,953                           | 2,829   | 881       |
| 1958.....        | 849,794                | 399,030 | 769,057  | 373,310  |  |                     | 178,405                   |   | 37,057                           | 546   |           |
| Outward—         |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 66,777                 | 2,762   |          | 1,468    |  |                     | 856                       | 448   | 24,284                           | 6,905   |           |
| 1958.....        | 57,756                 | 3,995   |          | 13,335   | 230  | 67,218              | 1,107                     |   | 70,604                           | 3,055   | 2,895     |
| <i>Totals—</i>   |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| Inward—          |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 1,034,275              | 527,931 | 794,567  | 416,098  |  | 62                  | 188,164                   | 1,037   | 34,876                           | 30,504  | 881       |
| 1958.....        | 896,577                | 404,217 | 769,057  | 393,682  |  |                     | 178,405                   |   | 37,084                           | 13,680  |           |
| Outward—         |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 66,777                 | 337,970 |          | 1,468    | 225,317  | 191,100             | 856                       | 59,806  | 24,284                           | 7,559   | 28,237    |
| 1958.....        | 57,756                 | 434,650 |          | 13,335   | 162,870  | 197,218             | 1,107                     | 62,173  | 70,604                           | 7,049   | 21,225    |
| Total—           |                        |         |          |          |  |                     |                           |   |                                  |   |           |
| 1959.....        | 1,101,052              | 865,901 | 794,567  | 417,566  | 225,317  | 191,102             | 189,020                   | 60,843  | 59,160                           | 38,063  | 29,118    |
| 1958.....        | 954,333                | 838,867 | 769,057  | 407,017  | 162,870  | 197,218             | 179,512                   | 62,173  | 108,288                          | 20,729  | 21,225    |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Motor<br>Vehicles<br>and<br>Parts | Lumber,<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Sulphur | Fertilizers<br>and<br>Fertilizer<br>Materials | Metal,<br>scrap | Coal,<br>anthracite | Groceries<br>not<br>otherwise<br>specified | Flour,<br>wheat | Wallboard | Food-<br>stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | Salt  |
|------------------|-----------------------------------|--|---------|---|-----------------|---------------------|--|-----------------|-----------|--|-------|
| <i>Foreign—</i>  |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| Inward—          |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 24,788                            | 1,068  | 20,492  | 17,985  | 2               | 12,024              | 2,183                                      | .....           | 614       | 1,502  | 4,231 |
| 1958.....        | 24,533                            | 3,229  | 23,112  | 16,855  | .....           | 4,588               | 457  | .....           | 202       | 1,451  | 458   |
| Outward—         |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 1,091                             | 11,737   | .....   | 120   | 15,758          | .....               | .....                                      | 3,753           | 88        | 2,027  | ..... |
| 1958.....        | 52                                | 9,026  | .....   | 30  | 8,729           | .....               | 1  | 7,031           | 82        | 570  | ..... |
| <i>Domestic—</i> |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| Inward—          |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 219                               | 10,275   | .....   | .....   | 77              | .....               | 7  | 3,095           | 3,864     | 1,029  | ..... |
| 1958.....        | 260                               | 13,430   | .....   | .....   | 388             | .....               | 1,569                                      | 481             | 4,664     | 231  | 3,225 |
| Outward—         |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 1,416                             | 350  | .....   | 547   | .....           | .....               | 8,373                                      | 2,088           | 211       | 63   | 15    |
| 1958.....        | 281                               | 590  | .....   | 1,065   | 7,222           | .....               | 5,766                                      | 2,106           | 15        | 326  | 100   |
| <i>Totals—</i>   |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| Inward—          |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 25,007                            | 11,343   | 20,492  | 17,985  | 79              | 12,024              | 2,190                                      | 3,095           | 4,478     | 2,531  | 4,231 |
| 1958.....        | 24,793                            | 16,659   | 23,112  | 16,855  | 388             | 4,588               | 2,026                                      | 481             | 4,866     | 1,682  | 3,683 |
| Outward—         |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 2,507                             | 12,087   | .....   | 667   | 15,758          | .....               | 8,373                                      | 5,841           | 299       | 2,090  | 15    |
| 1958.....        | 333                               | 9,616  | .....   | 1,095   | 15,951          | .....               | 5,767                                      | 9,137           | 97        | 896  | 100   |
| <i>Total—</i>    |                                   |  |         |   |                 |                     |  |                 |           |  |       |
| 1959.....        | 27,514                            | 23,430   | 20,492  | 18,652  | 15,837          | 12,024              | 10,563                                     | 8,936           | 4,777     | 4,621  | 4,246 |
| 1958.....        | 25,126                            | 26,275   | 23,112  | 17,950  | 16,339          | 4,588               | 7,793                                      | 9,618           | 4,963     | 2,578  | 3,783 |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  |  | Beverages,<br>alcoholic | Glass and<br>Glass<br>Manu-<br>factures | Brick | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Explosives,<br>including<br>Fuses and<br>Blasting<br>Caps | Rock<br>and<br>Stone | Pulpboard<br>(except<br>Wallboard) | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--|-------------------------|---|-------|--|---|----------------------|------------------------------------|--|-----------|
| <i>Foreign—</i>  |  |                         |   |       |  |   |                      |                                    |  |           |
| Inward—          |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 3,086                   | 3,413                                   | 1,754 | 1,878  | 43  | 1,326                | .....                              | 22,741                                     | 679,016   |
| 1958.....        |  | 2,883                   | 3,170                                   | 762   | 3,948  | 266   | 1,630                | 53                                 | 15,522                                     | 189,222   |
| Outward—         |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 30                      | .....                                   | ..... | 11   | 1,617   | .....                | 844                                | 21,725                                     | 898,675   |
| 1958.....        |  | .....                   | .....                                   | ..... | 103  | 282   | .....                | 538                                | 13,487                                     | 847,723   |
| <i>Domestic—</i> |  |                         |   |       |  |   |                      |                                    |  |           |
| Inward—          |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | .....                   | .....                                   | ..... | 31   | .....   | .....                | 111                                | 9,856                                      | 2,497,073 |
| 1958.....        |  | 144                     | .....                                   | ..... | 775  | 10  | 18,275               | .....                              | 10,201                                     | 2,661,433 |
| Outward—         |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 1,024                   | 22                                      | 694   | 257  | 10  | .....                | .....                              | 32,319                                     | 150,889   |
| 1958.....        |  | 306                     | 42                                      | 1,513 | 47   | .....   | .....                | .....                              | 21,287                                     | 260,861   |
| <i>Totals—</i>   |  |                         |   |       |  |   |                      |                                    |  |           |
| Inward—          |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 3,086                   | 3,413                                   | 1,754 | 1,909  | 43  | 1,326                | 111                                | 32,507                                     | 3,176,089 |
| 1958.....        |  | 3,027                   | 3,170                                   | 762   | 4,723  | 276   | 19,905               | 53                                 | 25,723                                     | 2,850,655 |
| Outward—         |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 1,054                   | 22                                      | 694   | 268  | 1,627   | .....                | 844                                | 54,044                                     | 1,049,564 |
| 1958.....        |  | 306                     | 42                                      | 1,513 | 150  | 282   | .....                | 538                                | 34,774                                     | 1,108,584 |
| Total—           |  |                         |   |       |  |   |                      |                                    |  |           |
| 1959.....        |  | 4,140                   | 3,435                                   | 2,448 | 2,177  | 1,670   | 1,326                | 955                                | 86,641                                     | 4,225,653 |
| 1958.....        |  | 3,333                   | 3,212                                   | 2,275 | 4,873  | 558   | 19,905               | 591                                | 60,497                                     | 3,959,239 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed  | Embarked | Total    |
|-------------------|---------|----------|----------|
| <i>Foreign—</i>   |         |          |          |
| 1959.....         | 14, 113 | 9, 481   | 23, 594  |
| 1958.....         | 15, 084 | 8, 166   | 23, 250  |
| 1957.....         | 51, 076 | 23, 162  | 74, 238  |
| 1956.....         | 43, 607 | 19, 703  | 63, 310  |
| 1955.....         | 54, 021 | 41, 909  | 95, 930  |
| <i>Coastwise—</i> |         |          |          |
| 1959.....         | 11, 010 | 9, 644   | 20, 654  |
| 1958.....         | 14, 720 | 15, 582  | 30, 302  |
| 1957.....         | 14, 871 | 13, 428  | 28, 299  |
| 1956.....         | 13, 852 | 14, 387  | 28, 239  |
| 1955.....         | 18, 946 | 19, 335  | 38, 281  |
| <i>Total—</i>     |         |          |          |
| 1959.....         | 25, 123 | 19, 125  | 44, 248  |
| 1958.....         | 29, 804 | 23, 748  | 53, 552  |
| 1957.....         | 65, 947 | 36, 950  | 102, 537 |
| 1956.....         | 57, 459 | 34, 090  | 91, 549  |
| 1955.....         | 72, 967 | 61, 244  | 134, 211 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts     | Shipments    | Total        |
|-------------------|--------------|--------------|--------------|
|                   | (Bu.)        | (Bu.)        | (Bu.)        |
| <i>Via water—</i> |              |              |              |
| 1959.....         | 22, 489, 928 | 11, 481, 764 | 33, 971, 692 |
| 1958.....         | 17, 036, 110 | 14, 672, 807 | 31, 708, 917 |
| 1957.....         | 10, 278, 683 | 8, 893, 999  | 19, 172, 682 |
| 1956.....         | 13, 392, 558 | 17, 231, 821 | 30, 624, 379 |
| 1955.....         | 12, 726, 672 | 9, 399, 812  | 22, 126, 484 |
| <i>Via rail—</i>  |              |              |              |
| 1959.....         | 4, 972, 091  | 12, 009, 399 | 16, 981, 490 |
| 1958.....         | 11, 428, 569 | 11, 032, 533 | 22, 461, 102 |
| 1957.....         | 8, 648, 455  | 8, 027, 290  | 16, 675, 745 |
| 1956.....         | 13, 399, 400 | 8, 245, 860  | 21, 645, 260 |
| 1955.....         | 5, 956, 805  | 7, 801, 462  | 13, 758, 267 |
| <i>Via other—</i> |              |              |              |
| 1959.....         | 137          | 2, 270, 130  | 2, 270, 267  |
| 1958.....         | 573          | 1, 869, 244  | 1, 869, 817  |
| 1957.....         | 112          | 1, 630, 574  | 1, 630, 686  |
| 1956.....         | 5, 851       | 1, 442, 846  | 1, 448, 697  |
| 1955.....         | 55, 352      | 1, 729, 726  | 1, 785, 078  |
| <i>Total—</i>     |              |              |              |
| 1959.....         | 27, 462, 156 | 25, 761, 293 | 53, 223, 449 |
| 1958.....         | 28, 465, 252 | 27, 574, 584 | 56, 039, 836 |
| 1957.....         | 18, 927, 250 | 18, 551, 863 | 37, 479, 113 |
| 1956.....         | 26, 797, 809 | 26, 920, 527 | 53, 718, 336 |
| 1955.....         | 18, 738, 829 | 18, 931, 000 | 37, 669, 829 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1959, with comparison for 1958.

|  | 1959   | 1958   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 13,392 | 15,289 |
| Non-revenue cars.....  | 11,446 | 10,859 |
| Total.....   | 24,838 | 26,148 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 11,835 | 12,993 |
| Non-revenue cars.....  | 12,854 | 13,124 |
| Total.....   | 24,689 | 26,117 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 82     | 70     |
| Non-revenue cars.....  | 82     | 70     |
| Total.....   | 164    | 140    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 25,309 | 28,352 |
| Non-revenue cars.....  | 24,382 | 24,053 |
| Total.....   | 49,691 | 52,405 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$483,464. The principal items were the repairing of the masonry of the 6 Inner Basin sluice valves; repairing the asphalt pavement of the 2 roadways leading to shed "A" at Wolfe's Cove Terminals; paving with asphalt open berth No. 27 at the Princess Louise Docks; painting the structural steel of the railway platforms serving shed "A"; extending the 12-inch water intake of the cold storage power house to deep water so as to permit its use without interruption at any stage of the tide; renewing concrete floor and drains of fish shed No. 7 of the cold storage plant; levelling columns that had settled with time, and repairing and renewing, where required, the metal siding and roofing of shed No. 7.

## CAPITAL WORKS

Expenditures on capital account amounted to \$2,030,381, of which \$7,455 was provided from replacement fund and \$500,000 from revenues. The principal items were:—

*Annex to Grain Elevator.*—In January, 1958, a contract was awarded to The Carter Construction Company Limited for the erection of an annex of 1,950,000-bushels storage capacity to the Board's grain elevator. The work was completed in December, 1959.

*Marine Towers and Receiving Galleries.*—A contract was awarded to The Carter Construction Company Limited, in May, 1958, for the erection of 2 mobile grain unloading marine towers, with total unloading capacity of 72,000 bushels per hour, at berth No. 18, and grain receiving galleries from these towers to the new grain elevator annex. The work was completed in December, 1959.

*Pneumatic Clean-up Equipment, New Marine Towers.*—In August, 1957, a contract was awarded to Simon Handling Engineers Limited for the supply and installation of pneumatic clean-up equipment for the 2 new marine towers erected on the breakwater. The work was completed during the year.

*Automatic Scales for Grain Elevator Annex.*—In December, 1956, a contract was awarded to Toledo Scale Company of Canada Limited for the supplying of 2 automatic scales having a weighing capacity of 36,000 bushels per hour each, for the new grain elevator annex. The work of installing these scales was completed by the Board's forces during the year.

*Construction of Transit Shed No. 8.*—Bergerville Estates Limited was awarded a contract in August, 1958, for the erection of a single-storey steel-frame transit shed, 374 feet long by 90 feet wide, with office accommodation on two floors at the north end. The work was completed in May, 1959.

*Dust Control System, Grain Elevator.*—A contract was awarded to Forestell Products Limited in January, 1959, for the fabrication of the equipment for a dust collecting system, which was installed by the Board's forces on the bin floor of the east storage annex of the grain elevator. The work was completed during 1959.

*Installation of New Compressors, Cold Storage Plant.*—In March, 1959, a contract was awarded to B. Trudel & Cie for the supply and installation of two 50-ton ammonia compressors in the cold storage power house to replace an old 100-ton compressor. The work was completed during the year.

A contract was awarded to Northern Electric Company Limited for the supply of the two necessary 150 H.P. induction motors and a motor control centre. The work of installing these motors was undertaken by the Board's forces and completed during the year.

*Installation of Blast Freezer at Cold Storage Plant.*—A contract was awarded to J. & E. Hall (Canada) Limited in November, 1959, for the supply and installation of a blast freezer unit of a capacity of 11 tons of refrigeration in room No. 3 of the cold storage main warehouse. This contract will be completed early in 1960.



*Harbour Development North of St. Charles River Estuary.*—In October, 1959, a contract was awarded to McNamara Marine Limited for the dredging of approximately 550,000 cubic yards from the bed of the St. Charles River Estuary, and the depositing of this material as fill for the new harbour development on the north side of the estuary east of the Anglo-Canadian Pulp & Paper Mills' property. The intention is to build a quay wall of some 600 feet in length at that location. The filling work was about 25% completed during 1959.

*Reconstruction of Wharf No. 19.*—A contract was awarded to Dimock Construction Inc. in July, 1959, for the erection of a steel sheet piling quay wall, 612 feet in length, in front of the old wooden cribwork wharf at berth No. 19 on the south side of the Outer Basin of the Princess Louise Docks. The work was approximately 75% completed by the end of 1959.

*Fish-house Cooler.*—To replace old fish-house cooler building No. 5, which had to be demolished to improve approaches to new transit shed No. 8, a new cooler was erected in the reconditioned fish shed No. 7. This work was carried out by the Board's forces.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—Board forces completed the changing of the 4-KV system to a 12-KV system to take care of increased power needs at the Princess Louise Docks. To serve the new Customs and Immigration building at Wolfe's Cove Terminals, a sixth railway track was laid in the rear of transit shed "A" by the Board's forces. A half-ton pick-up truck was purchased for general utility purposes.

## INCOME AND EXPENSE

Operating income amounted to \$2,282,094, as compared with \$2,047,749 in 1958, the increase being \$234,345. Operating expenses were \$1,765,315, as compared with \$1,676,260 in 1958. Net operating income was \$516,779 in 1959, as compared with \$371,489 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed an income deficit of \$1,009,844, as compared with a deficit of \$945,793 in 1958.

# Harbour of Quebec

## BALANCE SHEET AS AT DECEMBER 31, 1959

### ASSETS

|   |            |
|---|------------|
| CURRENT—  |            |
| Cash.....   | \$ 445,717 |
| Accounts Receivable.....  | 354,701    |
| Inventories of Operating and Maintenance Supplies, at cost..... | 78,365     |
| Accrued Income.....   | 600        |
| Prepaid Expenses.....   | 935        |
|   | <hr/>      |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                   | 880,318    |
|   | <hr/>      |
| RESERVE FUNDS—  |            |
| (Cash, \$28,667; bonds, at amortized cost, \$1,986,067)         |            |
| Replacement of Capital Assets.....                              | 1,573,525  |
| Fire and General Insurance.....                                 | 233,490    |
| Special Maintenance.....  | 207,719    |
|   | <hr/>      |

|                                 |           |
|---------------------------------|-----------|
| DEBIT BALANCES IN SUSPENSE..... | 2,014,734 |
|                                 | <hr/>     |
|                                 | 5,155     |

### CAPITAL ASSETS—

|                                      |            |
|--------------------------------------|------------|
| (at cost or estimated cost)          |            |
| Harbour Dredging.....                | 3,603,197  |
| Real Estate.....                     | 289,283    |
| Vehicular Bridges.....               | 171,869    |
| Roads, Fences and Boundaries.....    | 256,054    |
| Sewers and Drains.....               | 290,810    |
| Miscellaneous Structures.....        | 123,925    |
| Wharves and Piers.....               | 18,199,725 |
| Permanent Sheds.....                 | 3,951,961  |
| Shed Hoists and Electric Cranes..... | 12,000     |
| Railway System.....                  | 1,046,267  |
| Grain Elevator System.....           | 6,291,461  |
| Cold Storage System.....             | 809,033    |
| Office Furniture and Appliances..... | 20,242     |
| Harbour Buildings.....               | 220,400    |
| Central Heating Plants.....          | 9,515      |
| Harbour Shops.....                   | 29,792     |
| Electric Power System.....           | 330,972    |
| Water Supply System.....             | 37,956     |
| Floating Equipment.....              | 100,065    |
| Shore Equipment.....                 | 69,975     |
| Miscellaneous Small Plant.....       | 39,580     |
| Works under Construction.....        | 2,325,910  |
|                                      | <hr/>      |

|               |
|---------------|
| 38,229,992    |
| <hr/>         |
| \$ 41,304,075 |
| <hr/>         |

### LIABILITIES

|  |            |
|--|------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 222,744 |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 65,014     |
| CONTRACTORS' HOLDBACKS.....                            | 238,321    |
| DEFERRED INCOME.....                                   | 20,063     |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 173,876    |
|  | <hr/>      |
|  | 720,018    |

|   |              |
|---|--------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |              |
| Assets transferred to the Board on its establishment, and subsequently..... | \$ 3,413,019 |
| Loans and Advances.....   | 38,654,789   |
| Interest in arrears on Loans and Advances.....                              | 20,812,416   |

### Reserves—

|                                    |               |
|------------------------------------|---------------|
| Replacement of Capital Assets..... | \$ 10,041,356 |
| Fire and General Insurance.....    | 233,490       |
| Special Maintenance.....           | 207,719       |
|                                    | <hr/>         |
|                                    | 10,482,565    |

|  |            |
|--|------------|
|  | <hr/>      |
|  | 73,362,789 |

### Deduct: Deficit—

|   |            |
|---|------------|
| Balance at Beginning of Year.....   | 31,752,295 |
| Add: Prior Years Adjustments (Net).....                                     | 16,593     |
| Net Income (Deficit) for the year, per statement of Income and Expense..... | 1,009,844  |
|   | <hr/>      |

|                             |            |
|-----------------------------|------------|
| Balance at End of Year..... | 32,778,732 |
|                             | <hr/>      |
|                             | 40,584,057 |

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

## OPERATING INCOME—

## Harbour—

|                       |                   |            |
|-----------------------|-------------------|------------|
| Harbour Dues.....     | \$ 44,038         |            |
| Property Rentals..... | 104,098           |            |
| Miscellaneous.....    | 7,413             |            |
|                       | <u>          </u> | \$ 155,549 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 380,686           |         |
| Dockage.....             | 134,344           |         |
| Wharf Space Rentals..... | 116,768           |         |
| Miscellaneous.....       | 1,633             |         |
|                          | <u>          </u> | 633,431 |

## Grain Elevator System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Elevation.....     | 442,037           |         |
| Storage.....       | 430,573           |         |
| Miscellaneous..... | 39,627            |         |
|                    | <u>          </u> | 912,237 |

## Cold Storage System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Storage.....       | 125,085           |         |
| Miscellaneous..... | 43,116            |         |
|                    | <u>          </u> | 168,201 |

## Permanent Sheds—

|                   |                   |        |
|-------------------|-------------------|--------|
| Shed Rentals..... | 40,825            |        |
| Storage.....      | 14,400            |        |
|                   | <u>          </u> | 55,225 |

|                     |         |  |
|---------------------|---------|--|
| Railway System..... | 170,101 |  |
|---------------------|---------|--|

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 187,350           |              |
|                             | <u>          </u> | \$ 2,282,094 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                   |           |
|---|-------------------|-----------|
| Harbour (including \$100,000 for dredging)..... | 356,174           |           |
| Wharves and Piers.....                          | 82,878            |           |
| Grain Elevator System.....                      | 459,714           |           |
| Cold Storage System.....                        | 187,035           |           |
| Permanent Sheds.....                            | 93,106            |           |
| Railway System.....                             | 202,931           |           |
| Miscellaneous Services.....                     | 196,886           |           |
|   | <u>          </u> | 1,578,724 |

## Administrative—

|  |                   |         |
|--|-------------------|---------|
| Salaries.....  | 72,268            |         |
| Contributions to Public Service Superannuation Account.... | 41,600            |         |
| Office Expenses.....                                       | 4,061             |         |
| Miscellaneous.....   | 68,662            |         |
|  | <u>          </u> | 186,591 |

1,765,315

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 516,779 |
|---------------------------|---------|

## ADD: OTHER INCOME—

|  |                   |        |
|--|-------------------|--------|
| Income from Investments (less \$15,579 transferred to Reserves other than that for Replacement of Capital Assets)..... | 57,554            |        |
| Miscellaneous.....   | 2,893             |        |
|  | <u>          </u> | 60,447 |

577,226

## DEDUCT: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 1,136,561         |           |
| Provision for Replacement of Capital Assets.....  | 448,399           |           |
| Other.....  | 2,110             |           |
|   | <u>          </u> | 1,587,070 |

|                         |              |
|-------------------------|--------------|
| NET INCOME DEFICIT..... | \$ 1,009,844 |
|-------------------------|--------------|

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation for about 8½ months each year, beginning early in April. The facilities operated by the National Harbours Board include 8,600 linear feet of wharves which provide 18 deepsea berths, with a minimum water depth of 30 feet, and basin with 35 feet, and 4 berths for coastal or small vessels. There are 10 transit sheds with a total floor area of about 290,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 3,150                   | 3,498,249                    |
| 1958.....          | 2,784                   | 2,136,802                    |
| 1957.....          | 3,226                   | 2,243,346                    |
| 1956.....          | 3,308                   | 2,400,433                    |
| 1955.....          | 2,949                   | 2,124,308                    |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 3,154                   | 3,500,923                    |
| 1958.....          | 2,785                   | 2,136,155                    |
| 1957.....          | 3,222                   | 2,239,669                    |
| 1956.....          | 3,309                   | 2,406,509                    |
| 1955.....          | 2,946                   | 2,120,074                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|  | 1959                    |                              | 1958                    |                              |
|--|-------------------------|------------------------------|-------------------------|------------------------------|
|  | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                     |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 429                     | 1,556,668                    | 329                     | 1,021,512                    |
| Coastal or inland commercial (including fishery).... | 2,649                   | 1,878,038                    | 2,395                   | 1,074,522                    |
| Other.....   | 72                      | 53,543                       | 60                      | 40,768                       |
| Total.....   | 3,150                   | 3,498,249                    | 2,784                   | 2,136,802                    |
| <i>Departures—</i>                                   |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....               | 429                     | 1,566,668                    | 329                     | 1,021,512                    |
| Coastal or inland commercial (including fishery).... | 2,654                   | 1,880,405                    | 2,395                   | 1,073,682                    |
| Other.....   | 71                      | 53,350                       | 61                      | 40,961                       |
| Total.....   | 3,154                   | 3,500,923                    | 2,785                   | 2,136,155                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lb.) or measurement (40 cu. ft.).

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1959.....        | 379,444   | 708,698 | 1,088,142 |
| 1958.....        | 263,267   | 753,809 | 1,017,076 |
| 1957.....        | 308,454   | 579,215 | 887,669   |
| 1956.....        | 279,870   | 744,118 | 1,023,988 |
| 1955.....        | 186,280   | 483,894 | 670,174   |
| <i>Domestic—</i> |           |         |           |
| 1959.....        | 2,235,644 | 50,639  | 2,286,283 |
| 1958.....        | 2,209,205 | 28,738  | 2,237,943 |
| 1957.....        | 2,519,568 | 10,134  | 2,529,702 |
| 1956.....        | 2,565,228 | 16,218  | 2,581,446 |
| 1955.....        | 2,312,031 | 8,547   | 2,320,578 |
| <i>Total—</i>    |           |         |           |
| 1959.....        | 2,615,088 | 759,337 | 3,374,425 |
| 1958.....        | 2,472,472 | 782,547 | 3,255,019 |
| 1957.....        | 2,828,022 | 589,349 | 3,417,371 |
| 1956.....        | 2,845,098 | 760,336 | 3,605,434 |
| 1955.....        | 2,498,311 | 492,441 | 2,990,752 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Pulpwood  | Grain     | Petroleum<br>Oil, fuel | Paper,<br>newsprint | Coal,<br>bituminous | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Sulphur | Chemicals<br>not<br>otherwise<br>specified | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Calcium<br>Carbide |
|------------------|-----------|-----------|------------------------|---------------------|---------------------|----------|--|---------|--|--|--------------------|
| <i>Foreign—</i>  |           |           |                        |                     |                     |          |  |         |  |  |                    |
| Inward—          |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        |           |           | 233,075                |                     | 69,612              | 15,169   |  | 43,042  | 5  | 43   |                    |
| 1958.....        |           |           | 110,112                |                     | 75,814              | 9,563    |  | 35,276  |  | 10,974   |                    |
| Outward—         |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        |           | 437,849   |                        | 177,126             |                     |          | 46,125   |         | 15,235                                     | 4,383  | 8,486              |
| 1958.....        |           | 497,064   | 5,711                  | 176,895             |                     |          | 21,950   |         |  | 6,416  | 26,117             |
| <i>Domestic—</i> |           |           |                        |                     |                     |          |  |         |  |  |                    |
| Inward—          |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        | 1,494,756 | 441,719   | 176,274                |                     | 41,749              | 54,009   |  |         |  | 6,936  |                    |
| 1958.....        | 1,418,283 | 496,455   | 147,900                |                     | 69,275              | 51,448   |  |         |  |  |                    |
| Outward—         |           |           |                        |                     |                     |          |  |         | 2  |  |                    |
| 1959.....        |           |           | 35,186                 |                     |                     | 6,488    |  |         |  |  |                    |
| 1958.....        |           | 9,325     | 11,844                 |                     |                     |          |  |         |  |  |                    |
| <i>Totals—</i>   |           |           |                        |                     |                     |          |  |         |  |  |                    |
| Inward—          |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        | 1,494,756 | 441,719   | 409,349                |                     | 111,361             | 69,178   |  | 43,042  | 5  | 6,979  |                    |
| 1958.....        | 1,418,283 | 496,455   | 258,012                |                     | 145,089             | 61,011   |  | 35,276  |  | 10,974   |                    |
| Outward—         |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        |           | 437,849   | 35,186                 | 177,126             |                     | 6,488    | 46,125   |         | 15,237                                     | 4,383  | 8,486              |
| 1958.....        |           | 506,389   | 17,555                 | 176,895             |                     |          | 21,950   |         |  | 6,416  | 26,117             |
| <i>Total—</i>    |           |           |                        |                     |                     |          |  |         |  |  |                    |
| 1959.....        | 1,494,756 | 879,568   | 444,535                | 177,126             | 111,361             | 75,666   | 46,125   | 43,042  | 15,242                                     | 11,362   | 8,486              |
| 1958.....        | 1,418,283 | 1,002,844 | 275,567                | 176,895             | 145,089             | 61,011   | 21,950   | 35,276  |  | 17,390   | 26,117             |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Lumber,<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Aluminum<br>Manu-<br>factures not<br>otherwise<br>specified | Iron<br>or Steel<br>Tubes,<br>Pipe and<br>Fittings | Salt  | Cotton,<br>raw | Coal,<br>anthracite | Feed, or<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Iron<br>or Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--|---|--|-------|----------------|---------------------|--|---|--|---|-----------|
| <i>Foreign—</i>  |  |   |  |       |                |                     |  |   |  |   |           |
| Inward—          |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 5,372  | .....   | 1,184  | 3,372 | 3,106          | 2,692               | .....  | .....   | 1,357  | 1,415   | 379,444   |
| 1958.....        | 5,477  | .....   | 333  | 6,695 | 4,780          | 2,685               | .....  | .....   | .....  | 1,558   | 263,267   |
| Outward—         |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 134  | 7,506   | 3,151  | ..... | 38             | .....               | 1,866  | 1,433   | .....  | 5,366   | 708,698   |
| 1958.....        | .....  | 2,726   | 6,682  | ..... | .....          | .....               | .....  | .....   | .....  | 10,248  | 753,809   |
| <i>Domestic—</i> |  |   |  |       |                |                     |  |   |  |   |           |
| Inward—          |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 2,852  | .....   | .....  | ..... | .....          | .....               | .....  | .....   | .....  | 17,349  | 2,235,044 |
| 1958.....        | 2,234  | .....   | .....  | ..... | .....          | .....               | .....  | .....   | .....  | 23,610  | 2,209,205 |
| Outward—         |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | .....  | 510   | 1,034  | ..... | .....          | .....               | .....  | .....   | .....  | 7,419   | 50,639    |
| 1958.....        | .....  | .....   | 514  | ..... | .....          | .....               | .....  | .....   | .....  | 7,055   | 28,738    |
| <i>Totals—</i>   |  |   |  |       |                |                     |  |   |  |   |           |
| Inward—          |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 8,224  | .....   | 1,184  | 3,372 | 3,106          | 2,692               | .....  | .....   | 1,357  | 18,764  | 2,615,088 |
| 1958.....        | 7,711  | .....   | 333  | 6,695 | 4,780          | 2,685               | .....  | .....   | .....  | 25,168  | 2,472,472 |
| Outward—         |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 134  | 8,016   | 4,185  | ..... | 38             | .....               | 1,866  | 1,433   | .....  | 12,785  | 759,337   |
| 1958.....        | .....  | 2,726   | 7,196  | ..... | .....          | .....               | .....  | .....   | .....  | 17,303  | 782,947   |
| <i>Total—</i>    |  |   |  |       |                |                     |  |   |  |   |           |
| 1959.....        | 8,358  | 8,016   | 5,369  | 3,372 | 3,144          | 2,692               | 1,866  | 1,433   | 1,357  | 31,549  | 3,374,425 |
| 1958.....        | 7,711  | 2,726   | 7,529  | 6,695 | 4,780          | 2,685               | .....  | .....   | .....  | 42,471  | 3,255,019 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1959.....         | 15,276,670 | 14,752,478 | 30,029,148 |
| 1958.....         | 16,971,335 | 17,068,584 | 34,039,919 |
| 1957.....         | 10,628,779 | 10,108,534 | 20,737,313 |
| 1956.....         | 15,592,077 | 16,783,713 | 32,375,790 |
| 1955.....         | 9,868,351  | 9,520,286  | 19,388,637 |
| <i>Via rail—</i>  |            |            |            |
| 1959.....         | 273,279    | 178,793    | 452,072    |
| 1958.....         | 22,329     | 110,554    | 132,883    |
| 1957.....         | 1,563,352  | 224,872    | 1,788,224  |
| 1956.....         | 2,865,643  | 214,046    | 3,079,689  |
| 1955.....         | 24,960     | 108,267    | 133,227    |
| <i>Via other—</i> |            |            |            |
| 1959.....         |            | 1,358,776  | 1,358,776  |
| 1958.....         |            | 861,440    | 861,440    |
| 1957.....         |            | 747,082    | 747,082    |
| 1956.....         |            | 638,837    | 638,837    |
| 1955.....         |            | 487,016    | 487,016    |
| <i>Total—</i>     |            |            |            |
| 1959.....         | 15,549,949 | 16,290,047 | 31,839,996 |
| 1958.....         | 16,993,664 | 18,040,578 | 35,034,242 |
| 1957.....         | 12,192,131 | 11,080,488 | 23,272,619 |
| 1956.....         | 18,457,720 | 17,636,596 | 36,094,316 |
| 1955.....         | 9,893,311  | 10,115,569 | 20,008,880 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$73,636. This provided for the general maintenance of all wharves, piers, sheds, roads, and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$206,985, of which \$165,000 was provided from revenues. The work consisted of:—

*Supply and Placing of Fill at Section 20.*—A contract was awarded to Rosaire Dufresne Inc. in July, 1959, for the supply and placing of granular fill in the space behind the quay wall and rock dyke thereby reclaiming a ground area of approximately 300,000 square feet. The work was completed in December, 1959.

## INCOME AND EXPENSE

Operating income amounted to \$449,026 as compared with \$414,098 in 1958, while operating expenses were \$123,207 as against \$77,117 in the previous year. Net operating income was \$325,819, as compared with \$336,981 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$147,821, in 1959, as compared with a surplus of \$212,539 in the previous year.



# Harbour of Three Rivers BALANCE SHEET AS AT DECEMBER 31, 1959

| ASSETS   |                  | LIABILITIES  |                      |
|--|------------------|--|----------------------|
| <b>CURRENT—</b>  |                  | <b>ACCOUNTS PAYABLE—GENERAL.....</b>   |                      |
| Cash.....  | \$ 90,186        |  | \$ 916               |
| Accounts Receivable.....   | 6,371            | <b>ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....</b>                          |                      |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 177              |  | 28,167               |
|  | <u>\$</u>        | <b>CONTRACTORS' HOLDBACKS.....</b>   | 20,057               |
|  |                  | <b>DEFERRED INCOME.....</b>  | 41,122               |
| <b>INVESTMENTS IN BONDS—</b>                                       |                  | <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....</b>                  | 16,091               |
| (At amortized cost, market value \$90,483).....                    |                  |  | 106,353              |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS.....</b>               | 16,091           | <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>                         |                      |
|  |                  | Assets transferred to the Board on its establishment,<br>and subsequently..... |                      |
| <b>RESERVE FUNDS—</b>  |                  | Loans and Advances.....  | \$ 693,807           |
| (Cash, \$28,645; bonds, at amortized cost, \$2,189,504)            | 2,108,234        |  | 5,219,913            |
| Replacement of Capital Assets.....                                 | 107,372          | <b>Reserves—</b>   |                      |
| Fire and General Insurance.....                                    | 4,633            | Replacement of Capital Assets.....   | \$ 2,166,068         |
| Special Maintenance.....   |                  | Fire and General Insurance.....  | 107,372              |
|  |                  | Special Maintenance.....   | 4,633                |
|  |                  |  | 2,278,073            |
| <b>CAPITAL ASSETS—</b>   |                  |  | 8,191,793            |
| (At cost or estimated cost)  |                  | <b>Add: Surplus—</b>   |                      |
| Real Estate.....   | 61,790           | Balance at Beginning of Year.....  | 1,589,113            |
| Roads, Fences and Boundaries.....                                  | 66,932           | Less: Prior Years' Adjustments.....  | 2,088                |
| Miscellaneous Structures.....                                      | 1,281            |  | 1,587,025            |
| Wharves and Piers.....   | 5,550,236        | <b>Add: Net Income for the Year, per statement of</b>                          |                      |
| Permanent Sheds.....   | 1,666,612        | Income and Expense.....  | 147,821              |
| Railway System.....  | 26,611           |  | 1,734,846            |
| Office Furniture and Appliances.....                               | 2,770            | Balance at End of Year.....  | 9,926,639            |
| Electric Power System.....   | 11,513           |  |                      |
| Water Supply System.....   | 12,392           |  |                      |
| Shore Equipment.....   | 2,153            |  |                      |
| Miscellaneous Small Plant.....                                     | 1,087            |  |                      |
| Works under Construction.....                                      | 206,956          |  |                      |
|  | <u>7,610,333</u> |  |                      |
|  |                  |  | <u>\$ 10,032,992</u> |

## HARBOUR OF THREE RIVERS

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

## OPERATING INCOME—

## Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 17,778         |           |
| Property Rentals..... | 2,933             |           |
|                       | <u>          </u> | \$ 20,711 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 133,811           |         |
| Dockage.....             | 60,844            |         |
| Wharf Space Rentals..... | 86,698            |         |
|                          | <u>          </u> | 331,353 |

## Permanent Sheds—

|                   |  |        |
|-------------------|--|--------|
| Shed Rentals..... |  | 90,705 |
|-------------------|--|--------|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 6,257             |            |
|                             | <u>          </u> | \$ 449,026 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|  |                   |        |
|--|-------------------|--------|
| Harbour (including \$50,000 for dredging)..... | 62,878            |        |
| Wharves and Piers.....                         | 1,005             |        |
| Permanent Sheds.....                           | 23,754            |        |
| Miscellaneous Services.....                    | 5,122             |        |
|  | <u>          </u> | 92,759 |

## Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 19,391            |                   |
| Contributions to Public Service Superannuation Account.... | 1,427             |                   |
| Office Expenses.....                                       | 2,507             |                   |
| Miscellaneous.....   | 7,123             |                   |
|  | <u>          </u> | 30,448            |
|  |                   | <u>          </u> |
|  |                   | 123,207           |

|                           |  |         |
|---------------------------|--|---------|
| NET OPERATING INCOME..... |  | 325,819 |
|---------------------------|--|---------|

## ADD: OTHER INCOME—

|   |                   |                   |
|---|-------------------|-------------------|
| Income from Investments (less \$7,305 transferred to Reserves other than that for Replacement of Capital Assets)..... | 80,228            |                   |
| Miscellaneous.....  | 3                 |                   |
|   | <u>          </u> | 80,231            |
|   |                   | <u>          </u> |
|   |                   | 406,050           |

## DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 160,512           |         |
| Provision for Replacement of Capital Assets.....  | 88,495            |         |
| Other.....  | 9,222             |         |
|   | <u>          </u> | 258,229 |

|                 |    |                       |
|-----------------|----|-----------------------|
| NET INCOME..... | \$ | <u><u>147,821</u></u> |
|-----------------|----|-----------------------|

# HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 63 miles of terminal railway operated by the National Harbours Board. The harbour is usually open to navigation from early April to about the middle of December. The Board operates main piers, wharves and jetties providing 131 berths, totalling about 11 miles of berthing accommodations; 34 transit sheds, with an aggregate floor area of 2,700,000 square feet; also 4 grain elevators, with a total storage capacity of 16,762,000 bushels, and 4 miles of grain conveyor galleries with a shipping capacity of 2,000,000 bushels per 13-hour day; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 4 locomotive cranes are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 6,482                   | 15,577,794                   |
| 1958.....          | 6,002                   | 10,854,572                   |
| 1957.....          | 5,426                   | 9,738,951                    |
| 1956.....          | 5,685                   | 10,141,530                   |
| 1955.....          | 5,227                   | 9,133,529                    |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 6,490                   | 15,571,604                   |
| 1958.....          | 5,982                   | 10,841,614                   |
| 1957.....          | 5,420                   | 9,731,126                    |
| 1956.....          | 5,701                   | 10,154,025                   |
| 1955.....          | 5,209                   | 9,117,928                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|   | 1959              |                        | 1958              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 3,516             | 11,503,110             | 2,637             | 7,260,796              |
| Coastal or inland commercial (including fishery)..... | 2,890             | 4,041,747              | 3,306             | 3,575,873              |
| Other.....  | 76                | 32,937                 | 59                | 17,903                 |
| Total.....  | 6,482             | 15,577,794             | 6,002             | 10,854,572             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 3,526             | 11,546,122             | 2,624             | 7,234,477              |
| Coastal or inland commercial (including fishery)..... | 2,901             | 4,000,048              | 3,305             | 3,590,294              |
| Other.....  | 63                | 25,434                 | 53                | 16,843                 |
| Total.....  | 6,490             | 15,571,604             | 5,982             | 10,841,614             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lb.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1959.....        | 6,088,061 | 3,937,310 | 10,025,371 |
| 1958.....        | 4,853,051 | 4,827,990 | 9,681,041  |
| 1957.....        | 4,585,523 | 4,136,739 | 8,722,262  |
| 1956.....        | 5,034,543 | 5,280,573 | 10,315,116 |
| 1955.....        | 4,167,912 | 3,925,740 | 8,093,652  |
| <i>Domestic—</i> |           |           |            |
| 1959.....        | 3,786,734 | 3,908,376 | 7,695,110  |
| 1958.....        | 4,610,932 | 3,463,051 | 8,073,983  |
| 1957.....        | 3,485,986 | 3,652,536 | 7,138,522  |
| 1956.....        | 4,249,803 | 3,863,916 | 8,113,719  |
| 1955.....        | 4,182,747 | 3,564,167 | 7,746,914  |
| <i>Total—</i>    |           |           |            |
| 1959.....        | 9,874,795 | 7,845,686 | 17,720,481 |
| 1958.....        | 9,463,983 | 8,291,041 | 17,755,024 |
| 1957.....        | 8,071,509 | 7,789,275 | 15,860,784 |
| 1956.....        | 9,284,346 | 9,144,489 | 18,428,835 |
| 1955.....        | 8,350,659 | 7,489,907 | 15,840,566 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Petroleum<br>Oil, fuel | Petroleum<br>Oil, crude | Coal,<br>bituminous | Gasoline  | Motor<br>Vehicles<br>and<br>Parts | Sugar,<br>raw | Gypsum,<br>crude | Flour,<br>wheat | Iron<br>Ore | Cement,<br>common<br>or<br>portland |
|------------------|-----------|------------------------|-------------------------|---------------------|-----------|-----------------------------------|---------------|------------------|-----------------|-------------|-------------------------------------|
| <i>Foreign—</i>  |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| Inward—          |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 748,864   | 757,231                | 1,652,690               | 149,513             | 93,346    | 546,603                           | 347,959       | 11               | 8               | 96,659      | 13,700                              |
| 1958.....        | 360,283   | 404,682                | 1,253,769               | 142,154             | 95,404    | 468,838                           | 422,253       | 18,016           |                 | 63,660      | 11,479                              |
| Outward—         |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 2,279,701 | 49,262                 |                         |                     | 16,477    | 32,147                            |               | 174              | 320,606         | 85,765      | 41                                  |
| 1958.....        | 3,018,972 | 49,136                 | 18,996                  |                     | 3,007     | 20,140                            |               |                  | 347,863         | 79,239      | 67                                  |
| <i>Domestic—</i> |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| Inward—          |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 1,613,807 | 78,959                 | 55,609                  | 1,470,270           | 35,433    | 327                               |               | 330,218          |                 | 1,030       | 1,060                               |
| 1958.....        | 2,413,197 | 90,097                 | 21,039                  | 1,630,954           | 24,414    | 400                               |               | 294,551          | 201             |             |                                     |
| Outward—         |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 10,435    | 1,733,068              | 263,187                 | 324,029             | 889,862   | 767                               |               | 195              | 5,598           | 1,030       | 156,586                             |
| 1958.....        | 10        | 1,623,955              | 233,463                 | 201,005             | 829,315   | 2,996                             | 22,512        | 1,714            | 6,466           |             | 127,436                             |
| <i>Totals—</i>   |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| Inward—          |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 2,362,671 | 836,190                | 1,708,299               | 1,619,783           | 128,779   | 546,930                           | 347,259       | 330,229          | 8               | 97,689      | 14,760                              |
| 1958.....        | 2,773,480 | 494,779                | 1,274,808               | 1,773,108           | 119,818   | 469,238                           | 422,253       | 312,597          | 201             | 63,660      | 11,479                              |
| Outward—         |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 2,290,136 | 1,782,330              | 263,187                 | 324,029             | 906,339   | 32,014                            |               | 369              | 326,204         | 86,825      | 156,637                             |
| 1958.....        | 3,018,982 | 1,673,091              | 252,459                 | 201,005             | 832,322   | 23,136                            | 22,512        | 1,714            | 354,329         | 79,239      | 127,503                             |
| <i>Total—</i>    |           |                        |                         |                     |           |                                   |               |                  |                 |             |                                     |
| 1959.....        | 4,652,807 | 2,618,520              | 1,971,486               | 1,943,812           | 1,035,118 | 579,844                           | 347,259       | 330,598          | 326,212         | 184,514     | 171,387                             |
| 1958.....        | 5,792,462 | 2,167,870              | 1,527,267               | 1,974,113           | 962,140   | 492,374                           | 444,765       | 314,311          | 354,530         | 142,899     | 138,982                             |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Petroleum<br>Oil,<br>refined not<br>otherwise<br>specified | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plates | Iron<br>or Steel,<br>structural | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Nickel<br>and<br>Nickel<br>Manu-<br>factures | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and<br>Square<br>Timber | Iron<br>or Steel<br>Manu-<br>factures not<br>otherwise<br>specified | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Sulphur | Glass<br>and<br>Glass<br>Manu-<br>factures | Coal,<br>anthracite |
|------------------|--|--|---------------------------------|--|--|--|---|---|---------|--|---------------------|
| <i>Foreign—</i>  |  |  |                                 |  |  |  |   |   |         |  |                     |
| Inward—          |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 14,645   | 110,557  | 114,544                         | 8,381  | 567  | 5,230  | 67,635  | 2,779   | 38,287  | 70,000                                     | 70,931              |
| 1958.....        | .....  | 86,349   | 57,122                          | 8,428  | 118  | 3,962  | 59,199  | 14  | 58,985  | 66,444                                     | 43,619              |
| Outward—         |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | .....  | 7,829  | 1,621                           | 77,428   | 83,398                                       | 55,192   | 7,308   | 68,685  | 35,015  | 966  | .....               |
| 1958.....        | .....  | 12,875   | 3,941                           | 82,333   | 115,577                                      | 48,551   | 7,501   | 78,913  | 56,920  | 1,113                                      | .....               |
| <i>Domestic—</i> |  |  |                                 |  |  |  |   |   |         |  |                     |
| Inward—          |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 828  | .....  | .....                           | 587  | .....  | 21,202   | 320   | 279   | .....   | .....                                      | .....               |
| 1958.....        | 3,160  | .....  | .....                           | 323  | .....  | 16,008   | 159   | .....   | .....   | .....                                      | .....               |
| Outward—         |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 118,457  | 2,273  | 441                             | 260  | .....  | 911  | 4,381   | 1,970   | .....   | 2,072                                      | 1,647               |
| 1958.....        | 13,647   | 2,120  | 1,718                           | 432  | .....  | 606  | 7,371   | 1,727   | .....   | 2,923                                      | 20                  |
| <i>Totals—</i>   |  |  |                                 |  |  |  |   |   |         |  |                     |
| Inward—          |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 15,473   | 110,557  | 114,544                         | 8,968  | 567  | 26,432   | 67,955  | 3,058   | 38,287  | 70,007                                     | 70,931              |
| 1958.....        | 3,160  | 86,349   | 57,122                          | 8,751  | 118  | 19,970   | 59,358  | 14  | 58,985  | 66,444                                     | 43,619              |
| Outward—         |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 118,457  | 10,102   | 2,062                           | 77,688   | 83,398                                       | 56,103   | 11,689  | 70,655  | 35,015  | 3,038                                      | 1,647               |
| 1958.....        | 13,647   | 14,995   | 5,659                           | 82,765   | 115,577                                      | 49,157   | 14,872  | 80,640  | 56,920  | 4,036                                      | 20                  |
| <i>Total—</i>    |  |  |                                 |  |  |  |   |   |         |  |                     |
| 1959.....        | 133,930  | 120,659  | 116,006                         | 86,656   | 83,965                                       | 82,555   | 79,644  | 73,713  | 73,302  | 73,045                                     | 72,578              |
| 1958.....        | 16,807   | 101,344  | 62,781                          | 91,516   | 115,695                                      | 69,127   | 74,230  | 80,654  | 115,905 | 70,480                                     | 43,639              |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron<br>or Steel,<br>scrap | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Molasses | Salt   | Copper<br>and Copper<br>Manu-<br>factures not<br>otherwise<br>specified | Wood-pulp | Jute<br>and Jute<br>Manu-<br>factures | Beverages,<br>alcoholic | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Dry<br>Goods not<br>otherwise<br>specified |
|------------------|----------------------------|---|---|----------|--------|---|-----------|---------------------------------------|-------------------------|--|--|
| <i>Foreign—</i>  |                            |   |   |          |        |   |           |                                       |                         |  |  |
| Inward—          |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 45,681                     |   | 5   | 58,090   | 50,164 | 2,665   | 5,503     | 46,947                                | 36,432                  | 1,558  | 35,958                                     |
| 1958.....        | 46,598                     |   | 27  | 97,934   | 61,968 | 2,336   | 628       | 36,705                                | 19,394                  | 113  | 30,150                                     |
| Outward—         |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 68,866                     | 18,990  | 52,264  | 15       | 86     | 51,537  | 44,747    | 303                                   | 7,074                   | 42,069   | 4,364                                      |
| 1958.....        | 62,942                     | 23,001  | 30,569  |          | 27     | 14,745  | 37,424    | 826                                   | 7,984                   | 100,483  | 2,820                                      |
| <i>Domestic—</i> |                            |   |   |          |        |   |           |                                       |                         |  |  |
| Inward—          |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 979                        |   | 7   |          | 7,633  | 19  |           | 1                                     |                         |  | 3  |
| 1958.....        | 710                        |   | 1   |          |        |   |           | 3                                     |                         |  | 14   |
| Outward—         |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 1,121                      | 7,517   | 7,517   | 197      | 72     | 401   |           | 79                                    | 1,184                   |  | 415  |
| 1958.....        | 4,615                      | 11,753  | 11,753  | 23,697   | 3      | 270   | 23        | 156                                   | 941                     | 9  | 699  |
| <i>Totals—</i>   |                            |   |   |          |        |   |           |                                       |                         |  |  |
| Inward—          |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 47,660                     | 47,660  | 12  | 58,090   | 57,797 | 2,665   | 5,503     | 46,948                                | 36,432                  | 1,558  | 35,961                                     |
| 1958.....        | 3,137                      | 47,308  | 28  | 97,934   | 61,968 | 2,355   | 628       | 36,708                                | 19,394                  | 113  | 30,164                                     |
| Outward—         |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 68,866                     | 20,111  | 59,781  | 212      | 158    | 51,938  | 44,747    | 382                                   | 8,258                   | 42,069   | 4,779                                      |
| 1958.....        | 62,942                     | 27,616  | 42,322  | 23,697   | 30     | 15,015  | 37,447    | 982                                   | 8,925                   | 100,492  | 3,519                                      |
| Total—           |                            |   |   |          |        |   |           |                                       |                         |  |  |
| 1959.....        | 68,866                     | 67,771  | 59,793  | 58,302   | 57,955 | 54,603  | 50,250    | 47,330                                | 44,690                  | 43,627   | 40,740                                     |
| 1958.....        | 66,079                     | 74,924  | 42,350  | 121,651  | 61,998 | 17,370  | 38,075    | 37,690                                | 28,319                  | 100,605  | 33,683                                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Benzol | Fluorspar | Iron or Steel<br>Tubes,<br>Pipes<br>and<br>Fittings | Con-<br>fectionery | Iron<br>or Steel,<br>in billets,<br>blooms,<br>ingots,<br>pigs,<br>sheet bars<br>or slabs | Clay   | Fruits,<br>canned or<br>preserved | Manganese<br>Ore | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Glycol,<br>Ethylene | Paper not<br>otherwise<br>specified |
|------------------|--------|-----------|---|--------------------|---|--------|-----------------------------------|------------------|--|---------------------|-------------------------------------|
| <i>Foreign—</i>  |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| Inward—          |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 21,620 | 24,058    | 34,157  | 28,530             | 30,211  | 28,681 | 27,443                            | 22,512           | 16,804   | 8,635               | 2,694                               |
| 1958.....        | 14,248 | 54,631    | 64,608  | 23,961             | 59,223  | 19,933 | 26,503                            | 11,786           | 8,326  | .....               | 8,369                               |
| Outward—         |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 3,501  | 8,614     | 403   | 1,002              | 408   | 469    | 1,542                             | 3,808            | 8,501  | 10,321              | 17,635                              |
| 1958.....        | 6,346  | 32,527    | 926   | 680                | 52,500  | 130    | 1,277                             | 4,256            | 10,659   | 3,079               | 17,221                              |
| <i>Domestic—</i> |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| Inward—          |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 9,531  | .....     | .....   | 4                  | .....   | .....  | .....                             | .....            | 116  | 4,400               | 6                                   |
| 1958.....        | 8,270  | .....     | 150   | 7                  | 14,130  | .....  | 67                                | .....            | 203  | 2,947               | 5                                   |
| Outward—         |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 2,884  | 4,280     | 1,187   | 2,011              | 20  | 2      | 89                                | .....            | 183  | .....               | 2,438                               |
| 1958.....        | 6,110  | 9,854     | 26,261  | 2,876              | 1   | 20     | 49                                | 9,858            | 380  | .....               | 3,256                               |
| <i>Totals—</i>   |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| Inward—          |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 31,201 | 24,058    | 34,157  | 28,534             | 30,211  | 28,681 | 27,443                            | 22,512           | 16,920   | 13,035              | 2,700                               |
| 1958.....        | 22,518 | 54,631    | 64,758  | 23,968             | 73,353  | 19,933 | 26,570                            | 11,786           | 8,529  | 2,947               | 8,374                               |
| Outward—         |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 6,385  | 12,894    | 1,590   | 3,013              | 428   | 471    | 1,631                             | 3,808            | 8,684  | 10,321              | 20,073                              |
| 1958.....        | 12,456 | 42,381    | 27,187  | 3,556              | 52,501  | 150    | 1,326                             | 14,114           | 11,039   | 3,079               | 20,477                              |
| Total—           |        |           |   |                    |   |        |                                   |                  |  |                     |                                     |
| 1959.....        | 37,586 | 36,952    | 35,747  | 31,547             | 30,639  | 29,152 | 29,074                            | 26,320           | 25,604   | 23,356              | 22,773                              |
| 1958.....        | 34,974 | 97,012    | 91,945  | 27,524             | 125,854   | 20,083 | 27,896                            | 25,900           | 19,568   | 6,026               | 28,851                              |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Ferro-alloys | Electrical Goods not otherwise specified | Pulpboard (except Wallboard) | Fertilizers and Fertilizer Materials | Paper, newsprint | Rubber, crude (including Latex) | Chemicals not otherwise specified | Tea    | Fruits, dried | Coffee Beans and Coffee Preparations | Tallow, inedible |
|------------------|--------------|--|------------------------------|--------------------------------------|------------------|---------------------------------|-----------------------------------|--------|---------------|--------------------------------------|------------------|
| <i>Foreign—</i>  |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| Inward—          |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | 717          | 15,321                                   | 288                          | 20,876                               | 54               | 4,085                           | 13,435                            | 18,888 | 18,370        | 18,222                               | .....            |
| 1958.....        | 3,030        | 12,953                                   | 182                          | 30,254                               | .....            | 3,845                           | 12,988                            | 17,964 | 15,809        | 10,856                               | .....            |
| Outward—         |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | 21,865       | 5,637                                    | 18,192                       | 54                                   | 19,824           | 15,266                          | 4,906                             | 5      | 12            | 54                                   | 17,541           |
| 1958.....        | 19,959       | 5,929                                    | 20,228                       | 75                                   | 29,631           | 26,691                          | 4,698                             | .....  | .....         | 25                                   | 9,283            |
| <i>Domestic—</i> |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| Inward—          |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | .....        | 56                                       | 6                            | .....                                | 50               | .....                           | 6                                 | 1      | 1             | .....                                | 325              |
| 1958.....        | .....        | 53                                       | .....                        | .....                                | 811              | 17                              | .....                             | 2      | .....         | .....                                | .....            |
| Outward—         |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | .....        | 659                                      | 3,082                        | 5                                    | 20               | 45                              | 930                               | 10     | 329           | 40                                   | .....            |
| 1958.....        | 3            | 1,205                                    | 3,678                        | 4                                    | .....            | .....                           | 15                                | 44     | 471           | 100                                  | .....            |
| <i>Totals—</i>   |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| Inward—          |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | 717          | 15,377                                   | 294                          | 20,876                               | 104              | 4,085                           | 13,441                            | 18,889 | 18,371        | 18,222                               | 325              |
| 1958.....        | 3,030        | 13,006                                   | 182                          | 30,254                               | 811              | 3,862                           | 12,988                            | 17,966 | 15,809        | 10,856                               | .....            |
| Outward—         |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | 21,865       | 6,296                                    | 21,274                       | 59                                   | 19,844           | 15,311                          | 5,836                             | 15     | 341           | 94                                   | 17,541           |
| 1958.....        | 19,962       | 7,134                                    | 23,906                       | 79                                   | 29,631           | 26,691                          | 4,713                             | 44     | 471           | 125                                  | 9,283            |
| Total—           |              |  |                              |                                      |                  |                                 |                                   |        |               |                                      |                  |
| 1959.....        | 22,582       | 21,673                                   | 21,568                       | 20,935                               | 19,948           | 19,396                          | 19,277                            | 18,904 | 18,712        | 18,316                               | 17,866           |
| 1958.....        | 22,992       | 20,140                                   | 24,088                       | 30,333                               | 30,442           | 30,553                          | 17,701                            | 18,010 | 16,280        | 10,981                               | 9,283            |

## CARGO TONNAGE—COMMODITIES—Concluded

| —                | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Brick  | Meats,<br>chilled<br>fresh or<br>frozen | Settlers'<br>Effects | Rice   | Zinc<br>Spelter | China-<br>ware,<br>Earthen-<br>ware and<br>Porcelain-<br>ware | Meats,<br>canned,<br>prepared<br>or<br>preserved | All<br>Goods not<br>otherwise<br>specified | Total      |
|------------------|---|--------|---|----------------------|--------|-----------------|---|--|--|------------|
| <i>Foreign—</i>  |   |        |   |                      |        |                 |   |  |  |            |
| Inward—          |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        |   | 11,631 | 10,110                                  | 9,149                | 17,338 | 682             | 16,683  | 8,763  | 464,661                                    | 6,088,061  |
| 1958.....        |   | 7,453  | 10,484                                  | 10,739               | 17,890 | 616             | 13,077  | 7,781  | 464,890                                    | 4,853,051  |
| Outward—         |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 14,482  | 5,753  | 6,550                                   | 8,223                | .....  | 16,709          | 204   | 6,359  | 307,510                                    | 3,937,310  |
| 1958.....        | 10,055  | 4,472  | 1,606                                   | 7,708                | 5      | 16,697          | 402   | 6,119  | 308,841                                    | 4,827,990  |
| <i>Domestic—</i> |   |        |   |                      |        |                 |   |  |  |            |
| Inward—          |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 58  | .....  | 9                                       | 65                   | .....  | .....           | 1   | 21   | 153,469                                    | 3,786,734  |
| 1958.....        | 6   | .....  | .....                                   | 14                   | .....  | .....           | 2   | 1  | 85,851                                     | 4,610,932  |
| Outward—         |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 3,174   | 275    | 818                                     | 47                   | 78     | 12              | 84  | 1,545  | 355,974                                    | 3,908,376  |
| 1958.....        | 3,079   | 217    | 2,852                                   | 155                  | 81     | 3               | 267   | 1,795  | 268,815                                    | 3,463,051  |
| <i>Totals—</i>   |   |        |   |                      |        |                 |   |  |  |            |
| Inward—          |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 58  | 11,631 | 10,119                                  | 9,214                | 17,338 | 682             | 16,684  | 8,784  | 618,130                                    | 9,874,795  |
| 1958.....        | 6   | 7,453  | 10,484                                  | 10,753               | 17,890 | 616             | 13,079  | 7,782  | 550,741                                    | 9,463,983  |
| Outward—         |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 17,656  | 6,028  | 7,368                                   | 8,270                | 78     | 16,721          | 288   | 7,904  | 663,484                                    | 7,845,086  |
| 1958.....        | 13,134  | 4,689  | 4,458                                   | 7,863                | 86     | 16,700          | 669   | 7,914  | 577,656                                    | 8,291,041  |
| Total            |   |        |   |                      |        |                 |   |  |  |            |
| 1959.....        | 17,714  | 17,659 | 17,487                                  | 17,484               | 17,416 | 17,403          | 16,972  | 16,688   | 1,281,614                                  | 17,720,481 |
| 1958.....        | 13,140  | 12,142 | 14,942                                  | 18,616               | 17,976 | 17,316          | 13,748  | 15,696   | 1,128,397                                  | 17,755,024 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1959.....         | 91,683  | 81,403   | 173,086 |
| 1958.....         | 85,534  | 80,284   | 165,818 |
| 1957.....         | 101,075 | 68,021   | 169,096 |
| 1956.....         | 85,154  | 57,674   | 142,828 |
| 1955.....         | 57,184  | 45,404   | 102,588 |
| <i>Coastwise—</i> |         |          |         |
| 1959.....         | 29,844  | 29,703   | 59,547  |
| 1958.....         | 25,413  | 27,161   | 52,574  |
| 1957.....         | 28,959  | 30,783   | 59,742  |
| 1956.....         | 33,356  | 32,483   | 65,839  |
| 1955.....         | 37,181  | 39,771   | 76,952  |
| <i>Total—</i>     |         |          |         |
| 1959.....         | 121,527 | 111,106  | 232,633 |
| 1958.....         | 110,947 | 107,445  | 218,392 |
| 1957.....         | 130,034 | 98,804   | 228,838 |
| 1956.....         | 118,510 | 90,157   | 208,667 |
| 1955.....         | 94,365  | 85,175   | 179,540 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1959, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1959.....         | 85,468,415  | 78,877,093  | 164,345,508 |
| 1958.....         | 101,499,112 | 106,969,849 | 208,468,961 |
| 1957.....         | 71,423,251  | 69,719,227  | 141,142,478 |
| 1956.....         | 100,092,500 | 118,784,980 | 218,877,480 |
| 1955.....         | 88,985,445  | 83,447,230  | 172,432,675 |
| <i>Via rail—</i>  |             |             |             |
| 1959.....         | 17,280,186  | 12,619,756  | 29,899,942  |
| 1958.....         | 22,405,404  | 9,184,926   | 31,590,330  |
| 1957.....         | 13,930,502  | 7,461,348   | 21,391,850  |
| 1956.....         | 36,451,122  | 8,839,915   | 45,291,037  |
| 1955.....         | 10,247,391  | 10,246,967  | 20,494,358  |
| <i>Via other—</i> |             |             |             |
| 1959.....         | 239,129     | 10,337,277  | 10,576,406  |
| 1958.....         | 357,653     | 9,459,752   | 9,817,405   |
| 1957.....         | 731,316     | 9,272,813   | 10,004,129  |
| 1956.....         | 236,154     | 6,887,850   | 7,124,004   |
| 1955.....         | 159,413     | 7,471,693   | 7,631,106   |
| <i>Total—</i>     |             |             |             |
| 1959.....         | 102,987,730 | 101,834,126 | 204,821,856 |
| 1958.....         | 124,262,169 | 125,614,527 | 249,876,696 |
| 1957.....         | 86,085,069  | 86,483,388  | 172,538,457 |
| 1956.....         | 136,779,776 | 134,512,745 | 271,292,521 |
| 1955.....         | 99,392,249  | 101,165,890 | 200,558,139 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1959, with comparison for 1958.

|  | 1959    | 1958    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 41,088  | 45,333  |
| Non-revenue cars.....  | 13,492  | 13,640  |
| Total.....   | 54,580  | 58,973  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 24,622  | 24,179  |
| Non-revenue cars.....  | 29,828  | 34,745  |
| Total.....   | 54,450  | 58,924  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 2       |         |
| Non-revenue cars.....  |         |         |
| Total.....   | 2       |         |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 2,155   | 2,516   |
| Non-revenue cars.....  |         |         |
| Total.....   | 2,155   | 2,516   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 67,867  | 72,028  |
| Non-revenue cars.....  | 43,320  | 48,385  |
| Total.....   | 111,187 | 120,413 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$1,921,368. The principal items were the guniting of the face of wharf at shed 11, section 17, was commenced and approximately 50% completed; exterior painting of transit sheds 2 and 4; renewal of roofs of transit sheds 3 and 8; interior painting of transit sheds 3, 5 and 15; painting Beaudry St., Papineau St., Poupart St., Dezery St. and Pie IX Ave. subways; renewal of turnout and curved tracks of lead to transit shed No. 4; replacement of 1 standard slip diamond at section 14; overhauling 2 diesel-electric locomotives; replacement of 21 elevator belts and 1,500 elevator buckets; installation of safety equipment on 5 passenger elevators at grain elevators 3 and "B"; exterior painting of centre trestles structure grain elevator No. 3; repairing, adjusting and testing of grain elevator scales; replacement of and repairs to windows in grain elevators; re-wiring of the lighting system at grain elevator No. 2 was approximately 40% completed; reconditioning 4 rooms in the cold storage warehouse and the resurfacing of the eighth floor, cold storage warehouse, was 75% completed.

## CAPITAL WORKS

Expenditures on capital account amounted to \$16,263,632, of which \$819,319 was provided from replacement fund and \$792,521 from revenues. The principal items were:—

*Dredging Approach Channels, Sections 104 and 110.*—The construction of extensions to the Shell Oil and Montreal East wharves at sections 104 and 110 necessitated the dredging of the approach channels. Marine Industries Limited was awarded a contract in August, 1956, for this work. Approximately 92% of the work was completed by the end of 1959.



*Dredging Approach Channels, Sections 50-53, 58-61 and 62-65.*—The construction or extension of wharves at sections 50-53, 58-61 and 62-65 necessitated the dredging of the approach channels. A contract was awarded to Marine Industries Limited in June, 1957. The work was completed in December.

*Dredging, Sections 65-69.*—A contract was awarded to United Dredging Limited in June, 1959, in order to obtain hydraulic fill to fill the area behind the cribs at sections 62-65. The contract was completed by the end of 1959.

*Extension of Wharf, Sections 94-96.*—In July, 1957, a contract was awarded to The Foundation Company of Canada Limited for the construction of a 1,380-foot wharf at sections 94-96 by means of the concrete crib and copewall method. The work was completed in June.

*Extension of Wharf, Sections 100-102.*—In October, 1958, an extension to the contract for the extension of wharf, sections 94-96, was awarded to The Foundation Company of Canada Limited to cover one crib extension to wharf at sections 100-102. The work was completed in June.

*Extension of Wharf, Sections 100-101.*—J. D. Stirling Limited was awarded a contract in July, 1959, for the construction of a 375-foot wharf at sections 100-101 by means of the concrete crib and copewall method. The work was 23% completed in December.

*Supply and Placing of Fill Material, Sections 58-61.*—In October, 1959, Spino Construction Limited was awarded a contract for the supply and placing of fill material at sections 58-61. The work was completed in December.

*Construction of Water Supply System, Sections 94-96.*—In May, 1959, tenders were called and a contract awarded to J. G. Fitzpatrick Ltd. for the construction of a water supply system at sections 94-96. The work was completed in July.

*Supplying and Placing of Fill Material, Sections 94-96.*—A contract was awarded to Miron Construction Limited in September, 1959, for the supply and placing of fill material at sections 94-96. The work is expected to be completed early in 1960.

*Construction of Transit Shed, Sections 62-65.*—In December, 1958, a contract was awarded to Charles Duranceau Ltee. for the construction of a single-storey steel-frame transit shed, 150 feet wide by 798 feet long. The work was completed in September.

*Paving Access Roadway to Transit Shed, Sections 62-65.*—Consequent upon the construction of transit shed at sections 62-65 a new access roadway was necessary. In November, tenders were called and a contract awarded to Miron Construction Limited for the construction of a macadam base and bituminous concrete pavement at Racine Wharf, sections 61-62. The work is scheduled for completion in June, 1960.

*Extension to Transit Shed, Sections 62-65.*—In September, 1959, a contract was awarded to J. G. Fitzpatrick Ltd. for the construction of a single-storey steel-frame extension to transit shed, sections 62-65, 150 feet wide by 697 feet long. Approximately 62% of the work was completed by the end of 1959.

*Construction of Pier, Sections 54-56.*—A contract was awarded to McNamara (Quebec) Limited in January, 1959, for the construction of 2,000 linear feet of pier at sections 54-56 by means of the concrete crib and copewall method. The work is scheduled for completion in July, 1960.

*Construction of Transit Shed, Section 50.*—J. G. Fitzpatrick Ltd. was awarded a contract in November, 1959, for the construction of a single-storey steel-frame transit shed, 150 feet wide by 500 feet long, at section 50. The work was approximately 18% completed by the end of 1959.

*Construction of Office and Stairway at Upstream End of Transit Shed No. 11.*—In June, 1959, a contract was awarded to R. M. Clark Construction Company Limited for the construction of offices and stairway at upstream end of transit shed No. 11, section 17. The work was completed in October.

*Installation of "Break Glass" Control Switches for Fire Alarm System, Transit Sheds 2-27.*—In February, 1959, tenders were called, and accepted, for the purchase of five alarm stations. Installation was carried out by Board forces during the year.

*Installation of Safety Gates on Freight Hoists.*—In February, 1958, a contract was awarded to J. & E. Hall Limited for the installation of safety gates on freight hoists. The work is scheduled for completion in March, 1960.

*Construction of Railroad Tracks and New Roadway Sections 12-19.*—Consequent to the relocation of the flood wall between sections 12-19 it was necessary to relocate the railway tracks and to construct a new roadway between these sections. The work was performed by Board forces in 1959.

*Construction of a Macadam Base and Bituminous Concrete Pavement, Sections 43 and 46.*—A contract was awarded to Miron Construction Limited in May, 1959, for the construction of a macadam base and a bituminous concrete pavement at Laurier Pier, section 43, and at Sutherland Pier, section 46. The work was completed in June.

*Additional Power Requirements, Sub-stations 3 and 5.*—Consequent upon changes and additions to grain elevators Nos. 3 and "B" and new galleries on Tarte Pier, additional power requirements were necessary. During 1958 tenders were called, and accepted, for the purchase of power transformers and power distribution switchboards. By the end of 1959 the installation at sub-station 3 was 60% completed and sub-station 5 was 90% completed.

*Pneumatic Clean-up Equipment.*—In August, 1957, a contract was awarded to Simon Handling Engineers Limited for the supplying and installing of pneumatic clean-up equipment for four marine towers at grain elevator B-1 and Tarte Pier. The work was completed by the end of December.

*Automatic Scales for Grain Elevators.*—In September, 1956, Toledo Scale Company of Canada Limited, was awarded a contract for the supply and supervision of erection of 16 automatic scales for the grain elevators to be installed by Board forces. The erection of two scales at elevator No. 1 was completed in 1958, and the erection of two at Tarte Pier and four at elevator B-1 was completed in 1959. The completion of this contract is expected early in 1960.

*Construction of Elevator B-1 and Marine Towers.*—A contract was awarded to Pentagon Construction Co. Ltd. in October, 1957, for the construction of elevator B-1 and marine towers. The work was completed by the end of 1959.

*Improvements to Grain Elevator System at and in the Vicinity of Elevator No. 3.*—E. G. M. Cape & Company (1956) Ltd. was awarded a contract in August, 1957, for improvements to grain elevator No. 3 and the construction of new galleries. The work was completed by the end of December, 1959.

*Construction of Gallery No. 555 over Shed No. 46A and Extension of Gallery No. 48.*—In November, 1958, a contract was awarded to A. Janin & Co. Ltd. for the construction of gallery No. 555 over shed No. 46A and extension of gallery No. 48. The work was completed in December, 1959.

*Construction of Marine Towers, Receiving Galleries and Scale Tower, Tarte Pier.*—In July, 1958, E. G. M. Cape & Company (1956) Ltd. was awarded a contract for the construction of two marine towers, receiving galleries and scale tower on Tarte Pier. The work was completed in December, 1959.

*Power Winches at Elevators 3 and "B".*—A contract was awarded to Canadian Erectors Limited in January, 1959, for new power winches for existing boat spouts, galleries Nos. 6 and 7 at elevator "B" and gallery No. 554 at elevator 3. The work was completed in November.

*Installation of Dust Control System for Scale Tower, Jetty No. 1.*—During 1959 tenders were called, and accepted, for the installation of a dust control system for the scale tower at Jetty No. 1. The work was completed in October.

*Supply and Installation of Dust Control System in Grain Elevator "B" and "B" Annex.*—In March, 1959, Ross Engineering of Canada Limited was awarded a contract for the supply and installation of a dust control system in grain elevator "B" and "B" annex. The work is scheduled for completion in March, 1960.

*Construction of Champlain Bridge.*—A number of contracts were awarded in connection with this work. McNamara (Quebec) Limited was awarded a contract in June, 1959, for the extension of St. Pierre collector outlet. The date of completion is scheduled for June, 1960. The Foundation Company of Quebec Ltd. was awarded a contract in July, 1958, for the construction of piers and abutments for section 3 of bridge. The work is scheduled to be completed in August, 1960. Creaghan & Archibald Limited was awarded a contract in July, 1959, for the construction of superstructure, section 3. The work is to be completed in July, 1961. A contract was awarded to Miron Construction Limited in September, 1958, for the supply and placing of fill on



Nuns' Island. The work was completed in September, 1959. In November, 1959, tenders were called, and a contract awarded to McNamara (Quebec) Limited, for the supply and placing of rock fill on Nuns' Island. In June, 1959, McNamara (Quebec) Limited, The Key Construction Inc., and Deschamps & Belanger Ltee., was awarded a contract for the construction of piers and superstructure, sections 5 and 7A. The contract is due for completion in November, 1961. A contract was awarded in October, 1959, to Dominion Bridge Company Limited for the construction of superstructure, section 6. The work is scheduled for completion in September, 1961.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—construction of quarters for Assistant Yardmaster and checkers; installation of guard rails at Tarte Pier and section 45; the purchase and installation of 2 chain link fences; the purchase of 2 fork-lift trucks, 5 trucks, 3 automobiles, 1 bulldozer, 1 mechanical sweeper, 1 sounding float, 1 cab for payload, 1 second-hand hopper car, 1 life boat, 1 snow plow, 1 clamshell bucket, 1 motor steam cleaner and 1 hydraulic press.

### INCOME AND EXPENSE

Operating income amounted to \$9,460,587, as compared with \$9,319,870 in 1958, the increase being \$140,717. Operating expenses were \$6,358,410, as compared with \$6,076,232 in 1958. Net operating income was \$3,102,177 in 1959, as against \$3,243,638 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income deficit of \$465,641, as compared with a surplus of \$226,129 in 1958.

The foregoing figures are exclusive of the operations of Jacques Cartier bridge, for which separate accounts are kept.



# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1959

### (EXCLUDING JACQUES CARTIER BRIDGE)

| ASSETS   |                     | LIABILITIES   |                      |
|--|---------------------|---|----------------------|
| <b>CURRENT—</b>  |                     | <b>ACCOUNTS PAYABLE—GENERAL.....</b>                          |                      |
| Cash.....  | \$ 686,136          |   | \$ 446,786           |
| Accounts Receivable.....   | 1,337,083           | <b>ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....</b>         |                      |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 758,422             |   | 3,080,949            |
| Accrued Income.....  | 317,412             | <b>CONTRACTORS' HOLDBACKS.....</b>                            |                      |
| Prepaid Expenses.....  | 25,708              |   | 1,059,088            |
|  | <u>\$ 3,124,761</u> | <b>DEFERRED INCOME.....</b>                                   |                      |
|  |                     |   | 92,270               |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS.....</b>               |                     | <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....</b> |                      |
|  | 1,337,761           |   | 1,337,761            |
| <b>RESERVE FUNDS—</b>  |                     | <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>        |                      |
| (Cash, \$42,657; bonds, at amortized cost, \$27,835,399)           |                     | Assets transferred to the Board on its establishment—         |                      |
| Replacement of Capital Assets.....                                 | 25,752,856          | Loans and Advances.....                                       | \$ 5,526,950         |
| Fire and General Insurance.....                                    | 2,125,200           | Interest in arrears on Loans and Advances.....                | 115,227,558          |
|  | <u>27,878,056</u>   |   | 4,935,275            |
| <b>DEBIT BALANCES IN SUSPENSE.....</b>                             | 139,270             | <b>RESERVES—</b>  |                      |
|  | <u>1,004</u>        | Replacement of Capital Assets.....                            | \$ 29,110,649        |
| <b>PRELIMINARY CAPITAL EXPENDITURES.....</b>                       |                     | Fire and General Insurance.....                               | 2,125,200            |
|  |                     |   | <u>31,235,849</u>    |
| <b>CAPITAL ASSETS—</b>   |                     | <b>Deduct: Deficit—</b>                                       |                      |
| (At cost or estimated cost)  |                     | Balance at Beginning of Year.....                             | 4,653,488            |
| Harbour Dredging.....  | 13,394,701          | Add: Prior Years' Adjustments (Net).....                      | 89,784               |
| Real Estate.....   | 2,254,226           | Net Income (Deficit) for the year, per sta-                   | 465,641              |
| Roads, Fences and Boundaries.....                                  | 1,185,630           | tament of Income and Expense.....                             |                      |
| Sewers and Drains.....   | 174,414             |   | <u>5,208,913</u>     |
| Miscellaneous Structures.....                                      | 416,453             | <b>Balance at End of Year.....</b>                            |                      |
| Wharves and Piers.....   | 39,255,331          |   | 151,716,719          |
| Permanent Sheds.....   | 12,522,080          |   |                      |
| Shed Hoists and Electric Cranes.....                               | 394,235             |   |                      |
| Railway System.....  | 4,941,327           |   |                      |
| Grain Elevator System.....   | 31,980,179          |   |                      |
| Cold Storage System.....   | 3,291,947           |   |                      |
| Office Furniture and Appliances.....                               | 118,436             |   |                      |
| Harbour Buildings.....   | 605,744             |   |                      |
| Central Heating Plants.....  | 16,579              |   |                      |
| Harbour Shops.....   | 234,369             |   |                      |
| Electric Power System.....   | 1,016,815           |   |                      |
| Water Supply System.....   | 388,979             |   |                      |
| Floating Equipment.....  | 777,811             |   |                      |
| Shore Equipment.....   | 498,217             |   |                      |
| Miscellaneous Small Plant.....                                     | 120,857             |   |                      |
| Works under Construction.....                                      | 11,664,391          |   |                      |
|  | <u>125,252,721</u>  |   |                      |
|  |                     |   | <u>\$157,733,573</u> |

## HARBOUR OF MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

## (EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

## Harbour—

|                       |            |         |
|-----------------------|------------|---------|
| Harbour Dues.....     | \$ 106,804 |         |
| Property Rentals..... | 39,933     |         |
| Miscellaneous.....    | 47,047     |         |
|                       | <u>\$</u>  | 193,784 |

## Wharves and Piers—

|                          |           |           |
|--------------------------|-----------|-----------|
| Top Wharfage.....        | 2,919,916 |           |
| Dockage.....             | 680,781   |           |
| Wharf Space Rentals..... | 341,256   |           |
| Miscellaneous.....       | 54,018    |           |
|                          | <u></u>   | 3,995,971 |

## Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 1,614,008 |           |
| Storage.....       | 952,379   |           |
| Miscellaneous..... | 198,867   |           |
|                    | <u></u>   | 2,765,254 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 447,467 |         |
| Miscellaneous..... | 103,890 |         |
|                    | <u></u> | 551,357 |

## Permanent Sheds—

|                    |         |         |
|--------------------|---------|---------|
| Shed Rentals.....  | 659,995 |         |
| Storage.....       | 43,901  |         |
| Miscellaneous..... | 1,070   |         |
|                    | <u></u> | 704,966 |

## Railway System.....

|  |         |         |
|--|---------|---------|
|  | <u></u> | 659,390 |
|--|---------|---------|

## Miscellaneous Services.....

|  |           |           |
|--|-----------|-----------|
|  | <u></u>   | 589,865   |
|  | <u>\$</u> | 9,460,587 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$120,891 for dredging)..... | 620,640   |           |
| Wharves and Piers.....                          | 192,301   |           |
| Grain Elevator System.....                      | 2,373,098 |           |
| Cold Storage System.....                        | 501,433   |           |
| Permanent Sheds.....                            | 320,304   |           |
| Railway System.....                             | 987,969   |           |
| Miscellaneous Services.....                     | 730,534   |           |
|   | <u></u>   | 5,726,279 |

## Administrative—

|  |         |           |
|--|---------|-----------|
| Salaries.....  | 182,263 |           |
| Contributions to Public Service Superannuation Account.... | 158,574 |           |
| Office Expenses.....                                       | 17,540  |           |
| Miscellaneous.....   | 273,754 |           |
|  | <u></u> | 632,131   |
|  | <u></u> | 6,358,410 |

## NET OPERATING INCOME.....

3,102,177

## ADD: OTHER INCOME—

|  |         |           |
|--|---------|-----------|
| Income from Investments (less \$78,957 transferred to Reserves other than that for Replacement of Capital Assets)..... | 993,545 |           |
| Miscellaneous.....   | 68,551  |           |
|  | <u></u> | 1,062,096 |
|  | <u></u> | 4,164,273 |

## DEDUCT: SPECIAL CHARGES—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 3,362,441 |           |
| Provision for Replacement of Capital Assets.....  | 1,145,279 |           |
| Other.....  | 122,194   |           |
|   | <u></u>   | 4,629,914 |

## NET INCOME DEFICIT.....

\$ 465,641

## JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1959, with comparison for 1958.

|  | 1959       | 1958       |
|--|------------|------------|
| Passengers in vehicles (Tolls on passengers discontinued April 1, 1959)..... | 2,350,735  | 12,474,977 |
| Automobiles (Passenger).....   | 10,253,156 | 9,810,181  |
| Trucks and Buses.....  | 1,844,708  | 1,176,189  |
| All Others (1959 figures included in above categories).....                  |            | 126,288    |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$363,617. The work consisted of repairing damage caused by concrete growth on approach spans; reconstruction of roadway slabs, downstream side; scraping and spot painting of steelwork between pier 14 and the south shore and application of final field coat throughout.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,502,887, which amount was provided from bridge revenues. The principal items were:—

*Construction of Roadways, Southern Approaches, Jacques Cartier Bridge.*—A contract was awarded to Charles Duranceau Ltee. in July, 1957, for the construction of roadways, southern approaches. The work was completed in October, 1959.

*Construction of Southern Approaches.*—From 1956 to 1959 expenditures of \$2,249,405.73 were made. Negotiations are underway with the St. Lawrence Seaway Authority to establish a division of the cost.

*Administration Building and Toll Plaza at South Shore End of Jacques Cartier Bridge.*—In September, 1958, a contract was awarded to Charles Duranceau Ltee. for the construction of foundations of administration building and toll plaza at the south shore end of the bridge. The work was completed in September, 1959. A second contract was awarded to Canadian Comstock Company Limited in December, 1958, for the electrical installation for toll plaza. The work was completed in December, 1959. A third contract was awarded in January, 1959, to J. P. Cartier Limited for the construction of superstructure of administration building and toll plaza. The work was completed in December.

*Lighting System South Approach, Jacques Cartier Bridge.*—Bedard-Girard Limited was awarded a contract in May, 1959, for the supply and installation of a complete lighting system at Jacques Cartier Bridge, south approach. The work was completed in November.

*Traffic Sign Supports, Jacques Cartier Bridge.*—A contract was awarded to Industrial Maintenance Limited in December, 1959, for the supply and erection of traffic sign supports on Jacques Cartier Bridge. The work is scheduled for completion in February, 1960.

*Widening Roadway, Upstream Side, Jacques Cartier Bridge.*—Dominion Bridge Company Limited was awarded a contract in November, 1958, for the widening of the roadway on the upstream side of the bridge to provide an additional traffic lane. The work was completed in September, 1959.

*Catwalks and Access Catwalks along Downstream Cable Route under Jacques Cartier Bridge Roadway.*—In January, 1959, a contract was awarded to Canadian Bridge Division of Dominion Steel and Coal Corporation Limited for the construction of catwalks and access catwalks along downstream cable route under the bridge roadway. The work was completed in October.

### INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$2,354,815, as compared with \$2,104,794 in 1958. Operating and maintenance expenses were \$699,598, as compared with \$353,679 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus in 1959 of \$779,651, as compared with a surplus of \$876,149 in the previous year.



**Jacques Cartier Bridge—Montreal**  
**BALANCE SHEET AS AT DECEMBER 31, 1959**

| ASSETS   |                      | LIABILITIES   |                      |
|--|----------------------|---|----------------------|
| <b>CURRENT—</b>  |                      | <b>ACCOUNTS PAYABLE—GENERAL.....\$</b>                        |                      |
| Cash.....  | 356,393              |   | 74,918               |
| Accounts Receivable.....   | 24,217               |   |                      |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 12,291               | <b>ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....</b>         | 106,829              |
| Accrued Income.....  | 6,331                |   |                      |
| Prepaid Expenses.....  | 41,473               | <b>CONTRACTORS' HOLDBACKS.....</b>                            | 82,584               |
|  | <u>\$</u>            | <b>DEFERRED INCOME.....</b>                                   | 58,985               |
|  | 440,705              |   |                      |
| <b>INVESTMENTS IN BONDS—</b>                                       |                      | <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....</b> | 65,997               |
| (At amortized cost, market value \$2,548,855).....                 | 2,532,457            |   | <u>389,283</u>       |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS.....</b>               | 65,997               | <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>        |                      |
|  |                      | Loans and Advances—   |                      |
|  |                      | Capital Debt.....   | \$ 14,926,000        |
| <b>RESERVE FUNDS—</b>  |                      | Deficit Debt.....   | 6,489,605            |
| (Cash, \$25,297; bonds, at amortized cost, \$472,691)              |                      | Interest in Arrears on Deficit Debt.....                      | 7,020,691            |
| Special Maintenance.....   | 497,988              | <b>Reserves—</b>  |                      |
|  |                      | Replacement of Capital Assets.....                            | \$ 4,517,146         |
| <b>DUE FROM THE PROVINCE OF QUEBEC—</b>                            |                      | Special Maintenance.....                                      | 497,988              |
| Under agreement to share Jacques Cartier Bridge deficits.....      | 744,425              |   | <u>5,015,134</u>     |
|  |                      |   | 33,451,430           |
| <b>DEFERRED CHARGE—</b>  |                      | <b>Deduct: Deficit—</b>                                       |                      |
| Unamortized Balance of bond discount and redemption expense.       | 603,115              | Balance at Beginning of Year.....                             | 7,446,167            |
|  |                      | Add: Prior Years' Adjustments.....                            | 266,995              |
| <b>CAPITAL ASSETS—</b>   |                      |   | <u>7,713,162</u>     |
| (At cost.)   |                      | <b>Less: Net income for the year, per statement of</b>        |                      |
| Bridge Construction and Right-of-Way, etc .....                    | 22,022,545           | Income and Expense.....                                       | 779,651              |
|  |                      | <b>Balance at End of Year.....</b>                            | <u>6,933,511</u>     |
|  |                      |   | 26,517,919           |
|  | <u>\$ 26,907,202</u> |   | <u>\$ 26,907,202</u> |

# JACQUES CARTIER BRIDGE—MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

### OPERATING INCOME—

|                      |                   |              |
|----------------------|-------------------|--------------|
| Bridge Tolls.....    | \$ 2,321,912      |              |
| Sundry Receipts..... | 32,903            |              |
|                      | <u>          </u> | \$ 2,354,815 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                  |                   |         |
|------------------|-------------------|---------|
| Operation.....   | \$ 275,116        |         |
| Maintenance..... | 363,617           |         |
|                  | <u>          </u> | 638,733 |

#### Administrative—

|  |                   |                   |
|--|-------------------|-------------------|
| Salaries.....  | 22,799            |                   |
| Contributions to Public Service Superannuation Account.... | 4,616             |                   |
| Office Expenses.....                                       | 5,353             |                   |
| Miscellaneous.....   | 28,097            |                   |
|  | <u>          </u> | 60,865            |
|  |                   | <u>          </u> |
|  |                   | 699,598           |

NET OPERATING INCOME..... 1,655,217

### ADD: OTHER INCOME—

|  |                   |                   |
|--|-------------------|-------------------|
| Income from Investments (less \$21,828 transferred to Reserves)..... | 97,770            |                   |
| Miscellaneous.....   | 2,523             |                   |
|  | <u>          </u> | 100,293           |
|  |                   | <u>          </u> |
|  |                   | 1,755,510         |

### DEDUCT: SPECIAL CHARGES—

|  |                   |         |
|--|-------------------|---------|
| Provision for Interest on Loans and Advances.....        | 734,945           |         |
| Provision for Replacement of Capital Assets.....         | 176,776           |         |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334            |         |
| Other.....   | 2,804             |         |
|  | <u>          </u> | 975,859 |

NET INCOME.....\$ 779,651

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with four travelling marine towers, each with an unloading capacity of 35,000 bushels per hour and facilities to load ocean vessels at the rate of 80,000 bushels per hour; 5,400 linear feet of wharf, and adequate railway trackage.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1959.....         | 29,193,479 | 17,394,262 | 46,587,741  |
| 1958.....         | 68,195,782 | 56,255,231 | 124,451,013 |
| 1957.....         | 42,909,666 | 31,879,317 | 74,888,983  |
| 1956.....         | 51,701,236 | 40,355,693 | 92,056,929  |
| 1955.....         | 41,392,406 | 31,013,544 | 72,405,950  |
| <i>Via rail—</i>  |            |            |             |
| 1959.....         | 58,892     | 6,523,334  | 6,582,226   |
| 1958.....         | 30,616     | 8,075,012  | 8,105,628   |
| 1957.....         | 12,495     | 7,600,996  | 7,613,491   |
| 1956.....         | 68,788     | 7,980,057  | 8,048,845   |
| 1955.....         | 45,555     | 8,258,090  | 8,303,645   |
| <i>Via other—</i> |            |            |             |
| 1959.....         | 28,531     | 5,014,968  | 5,043,499   |
| 1958.....         | 21,773     | 3,732,410  | 3,754,183   |
| 1957.....         |            | 3,232,983  | 3,232,983   |
| 1956.....         |            | 3,254,064  | 3,254,064   |
| 1955.....         |            | 2,026,598  | 2,026,598   |
| <i>Total—</i>     |            |            |             |
| 1959.....         | 29,280,902 | 28,932,564 | 58,213,466  |
| 1958.....         | 68,248,171 | 68,062,653 | 136,310,824 |
| 1957.....         | 42,922,161 | 42,813,296 | 85,735,457  |
| 1956.....         | 51,770,024 | 51,589,814 | 103,359,838 |
| 1955.....         | 41,437,961 | 41,298,232 | 82,736,193  |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$99,894. The principal items were replacing house telephone system, one marine shipping loft, and 25 bin floor doors; renewing all cross-head rollers in the marine towers, and feed water pump for domestic heating boiler; completed painting of marine hopper spouts; repairing cracks in exterior walls of office, substation, rail shipping house and drier, and applying one coat of white medusa cement paint to the walls; repairing cracks to exterior bin walls and applying one coat of white water-proofing paint, and general maintenance and repairs.

### CAPITAL WORKS

Expenditures on capital account amounted to \$302,421, which amount was provided from revenues. The principal items were:—

*Installation of Dust Control System.*—Foresteel Products Limited was awarded a contract in December, 1958, for the supply and installation of a dust control system. The work was completed in December, 1959.

*Additions to Ship Loading Facilities.*—A contract was awarded to Jeffrey Manufacturing Company Ltd. in May, 1959, for supply and installation of additions to ship loading facilities. Approximately 99% of this work was completed in 1959.

*Dredging of Slips.*—A contract was awarded to Speckert-Morris Limited in June, 1959, for the dredging of slips. The contract was approximately 72% completed in 1959.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—construction of extension to sub-station; erection of grain bin to supply Master Feed mill, and the replacement of house telephone system.

## INCOME AND EXPENSE

Operating income amounted to \$876,474, as compared with \$1,452,686 in 1958, a decrease of \$576,212. Operating expenses were \$472,566, as against \$625,883 in the previous year. Net operating income was \$403,908 in 1959, as compared with \$826,803 in 1958, a decrease of \$422,895.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$442,475 in 1959, as compared with \$890,095 in the previous year.



# Prescott Elevator BALANCE SHEET AS AT DECEMBER 31, 1959

## ASSETS

|  |            |
|--|------------|
| CURRENT—   |            |
| Cash.....  | \$ 375,435 |
| Accounts Receivable.....   | 135,080    |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 28,823     |
|  | <u>\$</u>  |

559,338

|  |         |
|--|---------|
| INVESTMENTS IN BONDS—                            |         |
| (at amortized cost, market value \$401,601)..... | 397,612 |

397,612

|   |        |
|---|--------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS..... | 29,650 |
|---|--------|

29,650

|   |                  |
|---|------------------|
| RESERVE FUNDS—  |                  |
| (Cash, \$38,442; bonds, at amortized cost, \$1,461,575) |                  |
| Replacement of Capital Assets.....                      | 1,493,883        |
| Fire and General Insurance.....                         | 6,134            |
|   | <u>1,500,017</u> |

1,500,017

|                                      |                  |
|--------------------------------------|------------------|
| CAPITAL ASSETS—                      |                  |
| (at cost or estimated cost)          |                  |
| Harbour Dredging.....                | 222,145          |
| Real Estate.....                     | 96,698           |
| Roads, Fences and Boundaries.....    | 8,999            |
| Wharves and Piers.....               | 739,115          |
| Railway System.....                  | 373,249          |
| Grain Elevator System.....           | 3,761,343        |
| Office Furniture and Appliances..... | 7,935            |
| Miscellaneous Small Plant.....       | 12,313           |
| Works under Construction.....        | 27,222           |
|                                      | <u>5,249,019</u> |

5,249,019

\$ 7,735,636

## LIABILITIES

|                               |           |
|-------------------------------|-----------|
| ACCOUNTS PAYABLE—GENERAL..... | \$ 15,851 |
|-------------------------------|-----------|

15,851

|  |        |
|--|--------|
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 29,316 |
|--|--------|

29,316

|                             |        |
|-----------------------------|--------|
| CONTRACTORS' HOLDBACKS..... | 28,473 |
|-----------------------------|--------|

28,473

|                      |       |
|----------------------|-------|
| DEFERRED INCOME..... | 1,750 |
|----------------------|-------|

1,750

|   |        |
|---|--------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS..... | 29,650 |
|---|--------|

29,650

|  |              |
|--|--------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |              |
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 4,895,940 |

4,895,940

|                                    |                  |
|------------------------------------|------------------|
| RESERVES—                          |                  |
| Replacement of Capital Assets..... | \$ 1,749,310     |
| Fire and General Insurance.....    | 6,134            |
|                                    | <u>1,755,444</u> |

1,755,444

|                                     |                |
|-------------------------------------|----------------|
| ADD: SURPLUS—                       |                |
| Balance at Beginning of Year.....   | 541,694        |
| Less: Prior Years' Adjustments..... | 4,957          |
|                                     | <u>536,737</u> |

536,737

|   |         |
|---|---------|
| ADD: Net Income for the year, per Statement of<br>Income and Expense..... | 442,475 |
|---|---------|

442,475

|                             |         |
|-----------------------------|---------|
| Balance at End of Year..... | 979,212 |
|-----------------------------|---------|

979,212

\$ 7,735,636

# PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

### OPERATING INCOME—

#### Harbour—

|                       |           |       |
|-----------------------|-----------|-------|
| Property Rentals..... | \$ 8,090  |       |
| Miscellaneous.....    | 1,840     |       |
|                       | <u>\$</u> | 9,930 |

#### Wharves and Piers—

|                          |         |       |
|--------------------------|---------|-------|
| Top Wharfage.....        | 2,235   |       |
| Dockage.....             | 645     |       |
| Wharf Space Rentals..... | 844     |       |
| Miscellaneous.....       | 213     |       |
|                          | <u></u> | 3,937 |

#### Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 471,870 |         |
| Storage.....       | 358,691 |         |
| Miscellaneous..... | 32,004  |         |
|                    | <u></u> | 862,565 |

|                     |           |         |
|---------------------|-----------|---------|
| Railway System..... |           | 42      |
|                     | <u>\$</u> | 876,474 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 409,883 |
|----------------------------|---------|

#### Administrative—

|  |         |                |
|--|---------|----------------|
| Salaries.....  | 27,076  |                |
| Contributions to Public Service Superannuation Account.... | 6,932   |                |
| Office Expenses.....                                       | 3,805   |                |
| Miscellaneous.....   | 24,870  |                |
|  | <u></u> | 62,683         |
|  |         | <u>472,566</u> |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 403,908 |
|---------------------------|---------|

### ADD: OTHER INCOME—

|  |         |                |
|--|---------|----------------|
| Income from Investments (less \$134 transferred to Reserves other than that<br>for Replacement of Capital Assets)..... | 76,966  |                |
| Miscellaneous.....   | 26,944  |                |
|  | <u></u> | 103,910        |
|  |         | <u>507,818</u> |

### DEDUCT: SPECIAL CHARGES—

|  |         |        |
|--|---------|--------|
| Provision for Replacement of Capital Assets..... | 65,010  |        |
| Other.....                                       | 333     |        |
|  | <u></u> | 65,343 |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 442,475 |
|-----------------|------------|

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs having an unloading capacity of 18,000 bushels per hour each.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1959.....         | 18,845,465 | 17,707,975 | 36,553,440  |
| 1958.....         | 46,200,300 | 44,324,824 | 90,525,124  |
| 1957.....         | 33,778,759 | 31,358,705 | 65,137,464  |
| 1956.....         | 51,273,072 | 48,912,806 | 100,185,878 |
| 1955.....         | 41,563,498 | 40,850,947 | 82,414,445  |
| <i>Via rail—</i>  |            |            |             |
| 1959.....         |            | 368,577    | 368,577     |
| 1958.....         | 1,707      | 691,897    | 693,604     |
| 1957.....         |            | 651,876    | 651,876     |
| 1956.....         |            | 648,910    | 648,910     |
| 1955.....         | 2,000      | 699,562    | 701,562     |
| <i>Via other—</i> |            |            |             |
| 1959.....         |            | 1,053,498  | 1,053,498   |
| 1958.....         |            | 1,189,351  | 1,189,351   |
| 1957.....         |            | 1,428,538  | 1,428,538   |
| 1956.....         |            | 1,153,678  | 1,153,678   |
| 1955.....         |            | 541,772    | 541,772     |
| <i>Total—</i>     |            |            |             |
| 1959.....         | 18,845,465 | 19,130,050 | 37,975,515  |
| 1958.....         | 46,202,007 | 46,206,072 | 92,408,079  |
| 1957.....         | 33,778,759 | 33,439,119 | 67,217,878  |
| 1956.....         | 51,273,072 | 50,715,394 | 101,988,466 |
| 1955.....         | 41,565,498 | 42,092,281 | 83,657,779  |

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$83,269. The principal items were overhaul and maintenance of equipment; repairs to exterior walls of elevator annex; overhaul of dust control motor coils and bearings, and rewiring of loftter grain signals and truck loading signals.

### INCOME AND EXPENSE

Operating income amounted to \$550,653, as compared with \$906,324 in 1958, a decrease of \$355,671. Operating expenses were \$347,728, the corresponding figure for 1958 being \$527,868. Net operating income was \$202,925 in 1959, as compared with \$378,456 in 1958, a decrease of \$175,531.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net income was \$195,650 in 1959, as compared with \$366,474 in the previous year.

# Port Colborne Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1959

### ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | \$ 265,396        |
| Accounts Receivable.....   | 64,735            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 76,643            |
| Prepaid Expenses.....  | 45                |
|  | <u>\$ 406,819</u> |

|  |         |
|--|---------|
| INVESTMENTS IN BONDS—                            |         |
| (At amortized cost, market value \$199,722)..... | 197,346 |

|   |                |
|---|----------------|
| RESERVE FUNDS—  |                |
| (Cash, \$18,224; bonds, at amortized cost, \$541,353) |                |
| Replacement of Capital Assets.....                    | 555,488        |
| Fire and General Insurance.....                       | 4,089          |
|   | <u>559,577</u> |

|                                       |        |
|---------------------------------------|--------|
| PRELIMINARY CAPITAL EXPENDITURES..... | 16,807 |
|---------------------------------------|--------|

|                                      |                  |
|--------------------------------------|------------------|
| CAPITAL ASSETS—                      |                  |
| (At cost or estimated cost)          |                  |
| Real Estate.....                     | 21,876           |
| Wharves and Piers.....               | 535,692          |
| Railway System.....                  | 42,189           |
| Grain Elevator System.....           | 2,047,305        |
| Office Furniture and Appliances..... | 9,893            |
| Miscellaneous Small Plant.....       | 34,015           |
|                                      | <u>2,690,970</u> |

\$ 3,871,519

### LIABILITIES

|   |              |
|---|--------------|
| ACCOUNTS PAYABLE—GENERAL.....   | \$ 10,489    |
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—<br>Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 2,356,218 |

|                                    |                  |
|------------------------------------|------------------|
| RESERVES—                          |                  |
| Replacement of Capital Assets..... | \$ 1,398,167     |
| Fire and General Insurance.....    | 4,089            |
|                                    | <u>1,402,256</u> |

3,758,474

|  |                |
|--|----------------|
| ADD: SURPLUS—  |                |
| Balance at Beginning of Year (Deficit).....                                | 93,094         |
| Less: Net income for the year, per statement of<br>Income and Expense..... | 195,650        |
|  | <u>102,556</u> |

3,861,030

\$ 3,871,519



## PORT COLBORNE ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

## OPERATING INCOME—

## Harbour—

|                       |    |     |
|-----------------------|----|-----|
| Property Rentals..... | \$ | 444 |
|-----------------------|----|-----|

## Grain Elevator System—

|                    |    |                |
|--------------------|----|----------------|
| Elevation.....     | \$ | 264,412        |
| Storage.....       |    | 270,650        |
| Miscellaneous..... |    | 15,147         |
|                    |    | <u>550,209</u> |
|                    |    | 550,653        |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 292,901 |
|----------------------------|---------|

## Administrative—

|  |    |               |
|--|----|---------------|
| Salaries.....  | \$ | 22,368        |
| Contributions to Public Service Superannuation Account.... |    | 12,492        |
| Office Expenses.....                                       |    | 3,548         |
| Miscellaneous.....   |    | 16,419        |
|  |    | <u>54,827</u> |
|  |    | 347,728       |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 202,925 |
|---------------------------|---------|

## ADD: OTHER INCOME—

|   |               |
|---|---------------|
| Income from Investments (less \$89 transferred to Reserves other than that<br>for Replacement of Capital Assets)..... | 30,432        |
| Miscellaneous.....  | 4,896         |
|   | <u>35,328</u> |
|   | 238,253       |

## DEDUCT: SPECIAL CHARGES—

|  |               |
|--|---------------|
| Provision for Replacement of Capital Assets..... | 42,346        |
| Other.....                                       | 257           |
|  | <u>42,603</u> |

|                 |    |                |
|-----------------|----|----------------|
| NET INCOME..... | \$ | <u>195,650</u> |
|-----------------|----|----------------|

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 2,055 linear feet of wharf providing 4 deepsea berths, with a depth of water alongside of 30 feet at low tide, and 1 berth for coastal shipping with a minimum depth of 15 feet at low tide; a steel transit shed 476 feet long by 173 feet wide; a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of 3 ships at a time; railway tracks along the wharf; a locomotive crane of 15-tons capacity; a floating crane of 10-tons capacity, and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 88                      | 287,794                      |
| 1958.....          | 83                      | 257,249                      |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,772                      |
| 1955.....          | 66                      | 160,287                      |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 87                      | 287,789                      |
| 1958.....          | 83                      | 257,249                      |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,922                      |
| 1955.....          | 66                      | 160,287                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

|   | 1959                    |                              | 1958                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 60                      | 255,639                      | 59                      | 233,415                      |
| Coastal or inland commercial (including fishery)..... | 28                      | 32,155                       | 24                      | 23,834                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 88                      | 287,794                      | 83                      | 257,249                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 60                      | 255,639                      | 59                      | 233,415                      |
| Coastal or inland commercial (including fishery)..... | 27                      | 32,150                       | 24                      | 23,834                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 87                      | 287,789                      | 83                      | 257,249                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1959.....        | 42,569 | 655,991 | 698,560 |
| 1958.....        | 33,421 | 592,851 | 626,272 |
| 1957.....        | 21,043 | 498,280 | 519,323 |
| 1956.....        | 2,589  | 487,510 | 490,099 |
| 1955.....        | 4,161  | 395,679 | 399,840 |
| <i>Domestic—</i> |        |         |         |
| 1959.....        | 22,230 | 15,995  | 38,225  |
| 1958.....        | 21,570 | 11,475  | 33,045  |
| 1957.....        | 180    | 6,242   | 6,422   |
| 1956.....        | 232    | 9,456   | 9,688   |
| 1955.....        | 3,518  | 7,128   | 10,709  |
| <i>Total—</i>    |        |         |         |
| 1959.....        | 64,799 | 671,986 | 736,785 |
| 1958.....        | 54,991 | 604,326 | 659,317 |
| 1957.....        | 21,223 | 504,522 | 525,745 |
| 1956.....        | 2,821  | 496,966 | 499,787 |
| 1955.....        | 7,742  | 402,807 | 410,549 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1959, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1959.....         |            | 22,077,941 | 22,077,941 |
| 1958.....         |            | 20,109,555 | 20,109,555 |
| 1957.....         |            | 16,770,206 | 16,770,206 |
| 1956.....         |            | 16,442,320 | 16,442,320 |
| 1955.....         |            | 13,175,257 | 13,175,257 |
| <i>Via rail—</i>  |            |            |            |
| 1959.....         | 22,432,665 | 54,471     | 22,487,136 |
| 1958.....         | 20,260,662 |            | 20,260,662 |
| 1957.....         | 16,898,942 | 99,000     | 16,997,942 |
| 1956.....         | 17,584,282 | 10,587     | 17,594,869 |
| 1955.....         | 15,075,776 | 145,156    | 15,220,932 |
| <i>Via other—</i> |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| 1955.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1959.....         | 22,432,665 | 22,132,412 | 44,565,077 |
| 1958.....         | 20,260,662 | 20,109,555 | 40,370,217 |
| 1957.....         | 16,898,942 | 16,869,206 | 33,768,148 |
| 1956.....         | 17,584,282 | 16,452,907 | 34,037,189 |
| 1955.....         | 15,075,776 | 13,320,413 | 28,396,189 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$240,709. The principal items were replacement of plates on tug "Graham Bell"; cleaning water mains from reservoirs to powerhouse; dredging of approximately 5,150 cubic yards in the turning basin and Nos. 2 and 3 berths; repairing grain elevator equipment and replacing spouts and turn-head casting on elevator gallery; overhauling diesels in powerhouse; installing piping for heating system in powerhouse boiler room; sounding of the harbour, and the carrying out of general repairs to the generating equipment.

## CAPITAL WORKS

Capital expenditures amounted to \$131,988, which amount was provided from revenues. The principal items were the purchase of 4 electric motors for the elevator, crawler crane, trip hammer, hand brake, air flotation stoner, life raft, and a luber pump. The Department of Public Works carried out a test boring survey in connection with the proposed extension of the wharf.

## INCOME AND EXPENSE

Operating income amounted to \$1,389,862, as compared with \$1,343,964 in 1958. Operating expenses were \$1,151,033, as against \$932,342 in the previous year. Net operating income was \$238,829 in 1959, as compared with \$411,622 in 1958.

After taking into account other income and deducting special charges, including interest on debt and provision for the replacement of capital assets, there was a net income deficit of \$84,159 in 1959, as compared with a surplus of \$87,235 in the previous year.



# Harbour of Churchill BALANCE SHEET AS AT DECEMBER 31, 1959

## ASSETS

|  |            |
|--|------------|
| CURRENT—   |            |
| Cash.....  | \$ 411,210 |
| Accounts Receivable.....   | 71,454     |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 142,775    |
| Accrued Income.....  | 66,891     |
|  | <u>\$</u>  |
|  | 692,330    |

|  |         |
|--|---------|
| INVESTMENTS IN BONDS—                            |         |
| (At amortized cost, market value \$199,415)..... | 200,272 |

|  |                |
|--|----------------|
| RESERVE FUNDS—                                       |                |
| (Cash \$19,609; bonds, at amortized cost, \$475,012) |                |
| Replacement of Capital Assets.....                   | 436,880        |
| Fire and General Insurance.....                      | 10,232         |
| Special Maintenance.....                             | 47,509         |
|  | <u>494,621</u> |

|                                       |       |
|---------------------------------------|-------|
| DEBIT BALANCES IN SUSPENSE.....       | 1,890 |
| PRELIMINARY CAPITAL EXPENDITURES..... | 7,524 |

|                                       |                   |
|---------------------------------------|-------------------|
| CAPITAL ASSETS—                       |                   |
| (At cost or estimated cost)           |                   |
| Harbour Dredging.....                 | 952,699           |
| Real Estate.....                      | 60,278            |
| Miscellaneous Structures.....         | 148,513           |
| Wharves and Piers.....                | 1,492,830         |
| Permanent Sheds.....                  | 200,595           |
| Grain Elevator System.....            | 5,229,304         |
| Office Furniture and Appliances.....  | 7,158             |
| Harbour Buildings.....                | 719,734           |
| Harbour Shops.....                    | 22,239            |
| Electric Power System.....            | 885,042           |
| Water Supply System.....              | 441,312           |
| Floating Equipment.....               | 819,654           |
| Shore Equipment.....                  | 218,841           |
| Miscellaneous Small Plant.....        | 325,146           |
| Engineering—General Surveys.....      | 109,441           |
| Works under Construction.....         | 5,535             |
| Sundry Expenditure—Undistributed..... | 4,336,716         |
|                                       | <u>15,975,037</u> |

\$ 17,371,674

## LIABILITIES

|  |               |
|--|---------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 14,469     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 40            |
| DEFERRED INCOME.....                           | 5,290         |
|  | <u>19,799</u> |

|  |                   |
|--|-------------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                                |                   |
| Assets transferred to the Board on its establishment,<br>and subsequently..... | \$ 12,867,802     |
| Loans and Advances.....  | 3,083,334         |
| Interest in Arrears on Loans and Advances.....                                 | 492,990           |
| Reserves—  |                   |
| Replacement of Capital Assets.....   | \$ 5,401,626      |
| Fire and General Insurance.....  | 10,232            |
| Special Maintenance.....   | 47,509            |
|  | <u>5,459,367</u>  |
|  | <u>21,903,493</u> |

|  |                   |
|--|-------------------|
| Deduct: Deficit—   |                   |
| Balance at Beginning of Year.....  | 4,466,314         |
| Add: Prior Years' Adjustments.....   | 1,145             |
| Net Income (Deficit) for the year, per<br>statement of Income and Expense..... | 84,159            |
| Balance at End of Year.....  | <u>4,551,618</u>  |
|  | <u>17,351,875</u> |

\$ 17,371,674

## HARBOUR OF CHURCHILL

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 3,224          |           |
| Property Rentals..... | 30,448            |           |
|                       | <u>          </u> | \$ 33,672 |

##### Wharves and Piers—

|                   |                   |        |
|-------------------|-------------------|--------|
| Top Wharfage..... | 58,973            |        |
| Dockage.....      | 15,534            |        |
|                   | <u>          </u> | 74,507 |

##### Grain Elevator System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Elevation.....     | 491,777           |         |
| Storage.....       | 281,365           |         |
| Miscellaneous..... | 214,701           |         |
|                    | <u>          </u> | 987,843 |

##### Permanent Sheds—

|              |       |  |
|--------------|-------|--|
| Storage..... | 3,351 |  |
|--------------|-------|--|

|                             |                   |              |
|-----------------------------|-------------------|--------------|
| Miscellaneous Services..... | 290,489           |              |
|                             | <u>          </u> | \$ 1,389,862 |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|  |                   |           |
|--|-------------------|-----------|
| Harbour (including \$44,397 for dredging)..... | 124,099           |           |
| Wharves and Piers.....                         | 35,854            |           |
| Grain Elevator System.....                     | 601,841           |           |
| Permanent Sheds.....                           | 7,386             |           |
| Miscellaneous Services.....                    | 262,307           |           |
|  | <u>          </u> | 1,031,487 |

##### Administrative—

|  |                   |         |
|--|-------------------|---------|
| Salaries.....  | 67,074            |         |
| Contributions to Public Service Superannuation Account.... | 3,888             |         |
| Office Expenses.....                                       | 7,806             |         |
| Miscellaneous.....   | 40,778            |         |
|  | <u>          </u> | 119,546 |

1,151,033

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 238,829 |
|---------------------------|---------|

#### ADD: OTHER INCOME—

|   |                   |                |
|---|-------------------|----------------|
| Income from Investments (less \$2,012 transferred to Reserves other than that for Replacement of Capital Assets)..... | 19,975            |                |
| Miscellaneous.....  | 30                |                |
|   | <u>          </u> | 20,005         |
|   |                   | <u>258,834</u> |

#### DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 102,592           |         |
| Provision for Replacement of Capital Assets.....  | 240,141           |         |
| Other.....  | 260               |         |
|   | <u>          </u> | 342,993 |

|                         |           |
|-------------------------|-----------|
| NET INCOME DEFICIT..... | \$ 84,159 |
|-------------------------|-----------|

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard Inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, Pacific Great Eastern, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 39 feet. The National Harbours Board has piers, wharves and jetties with about 11,900 linear feet of berthing, providing 21 deepsea berths and 3 berths for coastal shipping, also 6 transit sheds with an aggregate floor area of about 576,000 square feet. The Board's 4 grain elevators have a total storage capacity of 10,838,500 bushels, a combined loading capacity of about 200,000 bushels per hour and 1½ miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber. Three special wharves are also provided for the fishing industry, one being complete with a shed, a small ice plant and freezing equipment for processing fish. A 40-ton fixed derrick is installed on Lapointe Pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1959.....          | 29,099                  | 20,639,242                   |
| 1958.....          | 30,123                  | 18,803,504                   |
| 1957.....          | 31,433                  | 21,169,505                   |
| 1956.....          | 33,031                  | 21,675,067                   |
| 1955.....          | 32,773                  | 20,136,443                   |
| <i>Departures—</i> |                         |                              |
| 1959.....          | 28,973                  | 20,561,510                   |
| 1958.....          | 29,735                  | 18,845,713                   |
| 1957.....          | 30,997                  | 21,147,711                   |
| 1956.....          | 32,788                  | 21,542,409                   |
| 1955.....          | 32,315                  | 20,121,377                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1959, with comparison for 1958.

| —   | 1959              |                        | 1958              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,609             | 7,275,479              | 1,467             | 6,397,988              |
| Coastal or inland commercial (including fishery)..... | 27,490            | 13,363,763             | 28,656            | 12,405,516             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>29,099</b>     | <b>20,639,242</b>      | <b>30,123</b>     | <b>18,803,504</b>      |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,591             | 7,200,331              | 1,496             | 6,487,177              |
| Coastal or inland commercial (including fishery)..... | 27,382            | 13,361,179             | 28,239            | 12,358,536             |
| Other.....  |                   |                        |                   |                        |
| <b>Total.....</b>                                     | <b>28,973</b>     | <b>20,561,510</b>      | <b>29,735</b>     | <b>18,845,713</b>      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1959, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

| —                | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1959.....        | 1,210,110 | 5,311,380 | 6,521,490  |
| 1958.....        | 1,020,507 | 5,280,253 | 6,300,760  |
| 1957.....        | 1,377,832 | 6,503,139 | 7,880,971  |
| 1956.....        | 1,657,486 | 5,765,332 | 7,422,818  |
| 1955.....        | 1,296,580 | 3,835,817 | 5,132,397  |
| <i>Domestic—</i> |           |           |            |
| 1959.....        | 3,004,178 | 1,909,311 | 4,913,489  |
| 1958.....        | 3,388,647 | 1,940,224 | 5,328,871  |
| 1957.....        | 3,217,351 | 2,024,178 | 5,241,529  |
| 1956.....        | 3,638,407 | 2,300,079 | 5,938,486  |
| 1955.....        | 3,821,188 | 2,031,427 | 5,852,615  |
| <i>Total—</i>    |           |           |            |
| 1959.....        | 4,214,288 | 7,220,691 | 11,434,979 |
| 1958.....        | 4,409,154 | 7,220,477 | 11,629,631 |
| 1957.....        | 4,595,183 | 8,527,317 | 13,122,500 |
| 1956.....        | 5,295,893 | 8,065,411 | 13,361,304 |
| 1955.....        | 5,117,768 | 5,867,244 | 10,985,012 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1959, with comparison for 1958.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Sand and Gravel | Lumber (Planks, Boards and Flooring) and Square Timber | Petroleum Oil, fuel | Logs, Masts, Piling, Pitprops, Poles, Posts, Spars and Ties (railway) | Gasoline | Pulpwood | Wood-pulp | Paper, newsprint | Flour, wheat | Hog Fuel |
|------------------|-----------|-----------------|--|---------------------|---|----------|----------|-----------|------------------|--------------|----------|
| <i>Foreign—</i>  |           |                 |  |                     |   |          |          |           |                  |              |          |
| Inward—          |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | .....     | 46,948          | 15,916   | 84,874              | 970   | 26,350   | .....    | 65        | .....            | .....        | .....    |
| 1958.....        | .....     | 30              | 8,981  | 113,413             | 2,848   | 17,421   | .....    | 59        | .....            | 1            | .....    |
| Outward—         |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | 4,108,325 | .....           | 424,843  | 4,211               | 34,443  | 63,671   | 131,633  | 6,345     | 4,966            | 218,043      | 77,769   |
| 1958.....        | 3,991,636 | .....           | 475,260  | 7,460               | 53,025  | 44,383   | 154,362  | 9,295     | 4,588            | 247,956      | 64,044   |
| <i>Domestic—</i> |           |                 |  |                     |   |          |          |           |                  |              |          |
| Inward—          |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | .....     | 1,038,822       | 487,216  | .....               | 459,657   | 642      | .....    | 284,690   | 251,206          | .....        | .....    |
| 1958.....        | .....     | 947,600         | 557,758  | .....               | 955,862   | .....    | .....    | 194,770   | 205,654          | 1            | .....    |
| Outward—         |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | .....     | 32,157          | 10,132   | 541,925             | 52,045  | 293,235  | 179,916  | .....     | .....            | 140          | 130,773  |
| 1958.....        | .....     | 115,091         | 9,176  | 462,018             | 81,589  | 287,215  | 140,021  | 21        | 122              | 100          | 100,547  |
| <i>Totals—</i>   |           |                 |  |                     |   |          |          |           |                  |              |          |
| Inward—          |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | .....     | 1,085,770       | 503,132  | 84,874              | 460,627   | 26,992   | .....    | 284,755   | 251,206          | .....        | .....    |
| 1958.....        | .....     | 947,630         | 566,739  | 113,413             | 958,710   | 17,421   | .....    | 194,829   | 206,350          | 2            | .....    |
| Outward—         |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | 4,108,325 | 32,157          | 434,975  | 546,136             | 86,488  | 356,906  | 311,549  | 6,345     | 4,966            | 218,183      | 208,542  |
| 1958.....        | 3,991,636 | 115,091         | 484,436  | 469,478             | 134,614   | 331,598  | 294,323  | 9,316     | 4,710            | 248,056      | 164,591  |
| <i>Total—</i>    |           |                 |  |                     |   |          |          |           |                  |              |          |
| 1959.....        | 4,108,325 | 1,117,927       | 938,107  | 631,010             | 547,115   | 333,898  | 311,549  | 291,100   | 256,172          | 218,183      | 208,542  |
| 1958.....        | 3,991,636 | 1,062,721       | 1,051,175  | 582,891             | 1,093,324   | 349,019  | 294,323  | 204,145   | 211,060          | 248,058      | 164,591  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  |         | Motor<br>Vehicles<br>and<br>Parts | Cement,<br>common<br>or<br>portland | Chemicals<br>not<br>otherwise<br>specified | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Sugar,<br>raw | Salt   | Rock<br>and<br>Stone | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoops,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Coal,<br>bituminous | Iron<br>or Steel<br>Tubes,<br>Pipe and<br>Fittings |
|------------------|---------|-----------------------------------|-------------------------------------|--|---|---------------|--------|----------------------|--|--|---------------------|--|
| <i>Foreign—</i>  |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| Inward—          |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 183,323 |                                   | 1,240                               | 11,859                                     | 12,863  | 86,119        | 84,295 | 384                  | 57,768   | 13,763   | 3                   | 40,916   |
| 1958.....        | 122,122 |                                   | 1,134                               | 16,843                                     | 14,490  | 90,582        | 68,601 | 2,688                | 35,607   | 31,234   | .....               | 38,533   |
| Outward—         |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 1,478   |                                   | 721                                 | 13,430                                     | 2,811   | .....         | .....  | .....                | 966  | 20,553   | .....               | 390  |
| 1958.....        | 2,799   |                                   | .....                               | 8,670                                      | 2,205   | .....         | .....  | .....                | 67   | 20,676   | 165                 | 619  |
| <i>Domestic—</i> |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| Inward—          |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 1,042   |                                   | 154,689                             | .....                                      | 22,244  | .....         | .....  | 11,895               | .....  | 20,921   | 17,077              | .....  |
| 1958.....        | 45,143  |                                   | 177,243                             | 22   | 27,799  | .....         | .....  | 4,737                | 31   | .....  | 21,753              | 21   |
| Outward—         |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 4,428   |                                   | 6,190                               | 75,007                                     | 58,080  | .....         | 540    | 51,710               | 981  | .....  | 33,409              | 747  |
| 1958.....        | 50,954  |                                   | 7,423                               | 61,049                                     | 44,136  | .....         | 2,620  | 46,041               | 1,289  | 288  | 47,340              | 581  |
| <i>Totals—</i>   |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| Inward—          |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 184,365 |                                   | 155,929                             | 11,859                                     | 35,107  | 86,119        | 84,295 | 12,279               | 57,768   | 34,684   | 17,080              | 40,916   |
| 1958.....        | 167,265 |                                   | 178,377                             | 16,865                                     | 42,289  | 90,582        | 68,601 | 7,425                | 35,638   | 31,234   | 21,753              | 38,554   |
| Outward—         |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 5,906   |                                   | 6,911                               | 88,437                                     | 60,891  | .....         | 540    | 51,710               | 1,947  | 20,553   | 33,409              | 1,137  |
| 1958.....        | 53,753  |                                   | 7,423                               | 69,719                                     | 46,341  | .....         | 2,620  | 46,041               | 1,356  | 20,964   | 47,505              | 1,200  |
| <i>Total—</i>    |         |                                   |                                     |  |   |               |        |                      |  |  |                     |  |
| 1959.....        | 190,271 |                                   | 162,840                             | 100,296                                    | 95,998  | 86,119        | 84,835 | 63,989               | 59,715   | 55,237   | 50,489              | 42,053   |
| 1958.....        | 221,018 |                                   | 185,800                             | 86,584                                     | 88,630  | 90,582        | 71,221 | 53,466               | 36,994   | 52,198   | 69,258              | 39,754   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers | Dry<br>Goods<br>not<br>otherwise<br>specified | Iron<br>or Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Iron or<br>Steel Wire<br>and Wire<br>Manu-<br>factures | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | China-<br>ware,<br>Earthen-<br>ware and<br>Porcelain-<br>ware | Cotton<br>Manu-<br>factures not<br>otherwise<br>specified | Groceries<br>not<br>otherwise<br>specified | Glass<br>and Glass<br>Manu-<br>factures |
|------------------|---|---|---|--|---|--|--|---|---|--|---|
| <i>Foreign—</i>  |   |   |   |  |   |  |  |   |   |  |   |
| Inward—          |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 179   | 28,946  | 37,035  | 27,485   | 17,137  | 29,820   | 3,656  | 29,048  | 27,123  | 8,903                                      | 26,916                                  |
| 1958.....        | 12  | 20,433  | 17,355  | 20,524   | 17,763  | 17,043   | 6,035  | 27,180  | 14,846  | 6,599                                      | 21,893                                  |
| Outward—         |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 39,002  | 6,602   | 133   | 1,271  | 514   | 274  | 17,299   | 26  | .....   | 97   | 2                                       |
| 1958.....        | 38,384  | 4,228   | 46  | 364  | .....   | 48   | 25,926   | 7   | .....   | 188  | 7                                       |
| <i>Domestic—</i> |   |   |   |  |   |  |  |   |   |  |   |
| Inward—          |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 80  | 4,830   | .....   | 423  | 14,944  | .....  | 9,442  | .....   | .....   | .....                                      | .....                                   |
| 1958.....        | 7   | 4,360   | 5,015   | 3,965  | 8,998   | 1  | 11,232   | 21  | .....   | 5,007                                      | .....                                   |
| Outward—         |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 2,599   | 823   | 1,688   | 7,678  | .....   | 454  | 56   | .....   | 219   | 18,109                                     | 5                                       |
| 1958.....        | 1,996   | 902   | 13,476  | 8,858  | .....   | 350  | 69   | 13  | 190   | 31,979                                     | 14                                      |
| <i>Totals—</i>   |   |   |   |  |   |  |  |   |   |  |   |
| Inward—          |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 259   | 33,776  | 37,035  | 27,908   | 32,081  | 29,820   | 13,098   | 29,048  | 27,123  | 8,903                                      | 26,916                                  |
| 1958.....        | 19  | 24,793  | 22,400  | 24,489   | 26,761  | 17,044   | 17,267   | 27,201  | 14,846  | 11,606                                     | 21,893                                  |
| Outward—         |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 41,601  | 7,425   | 1,821   | 8,949  | 514   | 728  | 17,355   | 26  | 219   | 18,206                                     | 7                                       |
| 1958.....        | 40,380  | 5,130   | 13,522  | 9,222  | .....   | 398  | 25,995   | 20  | 191   | 32,167                                     | 21                                      |
| Total—           |   |   |   |  |   |  |  |   |   |  |   |
| 1959.....        | 41,860  | 41,201  | 38,856  | 36,857   | 32,595  | 30,548   | 30,453   | 29,074  | 27,342  | 27,109                                     | 26,923                                  |
| 1958.....        | 40,399  | 29,923  | 35,922  | 33,711   | 26,761  | 17,442   | 43,262   | 27,221  | 15,037  | 43,773                                     | 21,914                                  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fish<br>(including<br>Shell-fish),<br>fresh or<br>frozen | Petroleum<br>Oil,<br>refined not<br>otherwise<br>specified | Fish Oils | Toys   | Fertilizers<br>and<br>Fertilizer<br>Materials | Beverages,<br>alcoholic | Iron<br>or Steel,<br>structural | Tallow,<br>inedible | Fruits,<br>fresh,<br>not<br>otherwise<br>specified | Lime   | Coffee<br>Beans and<br>Coffee<br>Prepara-<br>tions |
|------------------|--|--|-----------|--------|---|-------------------------|---------------------------------|---------------------|--|--------|--|
| <i>Foreign—</i>  |  |  |           |        |   |                         |                                 |                     |  |        |  |
| Inward—          |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1929.....        | 5,154  | 10,783   | 264       | 24,643 | 2,822   | 10,921                  | 19,101                          | .....               | 18,530   | .....  | 16,895   |
| 1959.....        | 4,367  | 11,120   | 226       | 17,490 | 2,700   | 9,893                   | 4,601                           | .....               | 17,620   | .....  | 14,469   |
| 1958.....        |  |  |           |        |   |                         |                                 |                     |  |        |  |
| Outward—         |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 803  | 43   | 12,050    | 81     | 11,884  | 1,898                   | 988                             | 20,769              | .....  | .....  | .....  |
| 1958.....        | 466  | 92   | 4,596     | 67     | 7,217   | 1,822                   | .....                           | 12,428              | 475  | .....  | 21   |
| <i>Domestic—</i> |  |  |           |        |   |                         |                                 |                     |  |        |  |
| Inward—          |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 20,857   | .....  | 13,630    | .....  | 9,931   | 1,915                   | 200                             | .....               | .....  | 16,965 | .....  |
| 1958.....        | 32,754   | .....  | 9,068     | .....  | 7,357   | 1,562                   | .....                           | 437                 | .....  | 16,187 | .....  |
| Outward—         |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 100  | 15,504   | .....     | .....  | 16  | 9,581                   | 1,993                           | .....               | .....  | 1,456  | .....  |
| 1958.....        | 65   | 10,488   | .....     | 11     | 38  | 7,264                   | 837                             | .....               | 21   | 2,019  | 4  |
| <i>Totals—</i>   |  |  |           |        |   |                         |                                 |                     |  |        |  |
| Inward—          |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 26,011   | 10,783   | 13,894    | 24,643 | 12,753  | 12,836                  | 19,301                          | .....               | 18,530   | 16,965 | 16,895   |
| 1958.....        | 37,121   | 11,120   | 9,294     | 17,490 | 10,057  | 11,455                  | 4,601                           | 437                 | 17,620   | 16,190 | 14,469   |
| Outward—         |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 903  | 15,547   | 12,050    | 81     | 11,900  | 11,479                  | 2,981                           | 20,769              | .....  | 1,456  | .....  |
| 1958.....        | 531  | 10,580   | 4,597     | 78     | 7,255   | 9,086                   | 837                             | 12,428              | 496  | 2,019  | 25   |
| <i>Total—</i>    |  |  |           |        |   |                         |                                 |                     |  |        |  |
| 1959.....        | 26,914   | 26,330   | 25,944    | 24,724 | 24,653  | 24,315                  | 22,282                          | 20,769              | 18,530   | 18,421 | 16,895   |
| 1958.....        | 37,652   | 21,700   | 13,891    | 17,568 | 17,312  | 20,541                  | 5,438                           | 12,865              | 18,116   | 18,209 | 14,494   |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Sulphur | Paper<br>not<br>otherwise<br>specified | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Bambooc-<br>ware and<br>Rattan-<br>ware not<br>otherwise<br>specified | Jute<br>and Jute<br>Manu-<br>factures | Zinc<br>Ore | Creosote<br>Oil | Metal<br>Scrap not<br>otherwise<br>specified | Kerosene | All<br>Goods not<br>otherwise<br>specified | Total      |
|------------------|---------|--|---|---|---------------------------------------|-------------|-----------------|--|----------|--|------------|
| <i>Foreign—</i>  |         |  |   |   |                                       |             |                 |  |          |  |            |
| Inward—          |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | .....   | 3,778                                  | 160   | 14,200  | 14,080                                | 9,007       | 12,748          | 179  | 7,567    | 135,374                                    | 1,210,110  |
| 1958.....        | 5       | 4,613                                  | 196   | 11,482  | 11,556                                | 14,747      | 9,118           | 206  | 9,120    | 141,979                                    | 1,020,507  |
| Outward—         |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | .....   | 7,544                                  | 14,350  | 4   | 66                                    | .....       | .....           | 8,801  | .....    | 52,281                                     | 5,311,350  |
| 1958.....        | 266     | 6,887                                  | 4,454   | 1   | 285                                   | .....       | .....           | 2,342  | .....    | 82,985                                     | 5,280,253  |
| <i>Domestic—</i> |         |  |   |   |                                       |             |                 |  |          |  |            |
| Inward—          |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | .....   | 255                                    | .....   | .....   | .....                                 | 4,726       | .....           | 2,608  | .....    | 153,271                                    | 3,004,178  |
| 1958.....        | .....   | 706                                    | .....   | .....   | .....                                 | 2,113       | .....           | 2,754  | .....    | 138,709                                    | 3,388,647  |
| Outward—         |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | 16,558  | 4,745                                  | 573   | .....   | .....                                 | .....       | .....           | 400  | 1,886    | 353,453                                    | 1,909,311  |
| 1958.....        | 719     | 6,829                                  | 499   | .....   | 54                                    | 22          | 1               | 227  | 1,568    | 394,089                                    | 1,940,224  |
| <i>Totals—</i>   |         |  |   |   |                                       |             |                 |  |          |  |            |
| Inward—          |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | .....   | 4,033                                  | 160   | 14,200  | 14,080                                | 13,733      | 12,748          | 2,787  | 7,567    | 288,645                                    | 4,214,288  |
| 1958.....        | 5       | 5,319                                  | 196   | 11,482  | 11,556                                | 16,860      | 9,118           | 2,960  | 9,120    | 280,688                                    | 4,409,154  |
| Outward—         |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | 16,558  | 12,289                                 | 14,923  | 4   | 66                                    | .....       | .....           | 9,201  | 1,886    | 405,734                                    | 7,220,691  |
| 1958.....        | 985     | 13,216                                 | 4,953   | 1   | 339                                   | 22          | 1               | 2,569  | 1,568    | 477,074                                    | 7,220,477  |
| Total—           |         |  |   |   |                                       |             |                 |  |          |  |            |
| 1959.....        | 16,558  | 16,322                                 | 15,083  | 14,204  | 14,146                                | 13,733      | 12,748          | 11,988                                       | 9,453    | 694,379                                    | 11,434,979 |
| 1958.....        | 990     | 18,535                                 | 5,149   | 11,483  | 11,895                                | 16,882      | 9,119           | 5,529  | 10,688   | 757,762                                    | 11,629,651 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1959, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1959.....         | 6,078   | 6,898    | 12,976    |
| 1958.....         | 5,574   | 4,859    | 10,433    |
| 1957.....         | 6,432   | 4,431    | 10,862    |
| 1956.....         | 5,049   | 4,356    | 9,405     |
| 1955.....         | 4,634   | 5,258    | 9,892     |
| <i>Coastwise—</i> |         |          |           |
| 1959.....         | 590,081 | 593,120  | 1,183,201 |
| 1958.....         | 476,066 | 494,199  | 970,265   |
| 1957.....         | 731,753 | 750,779  | 1,482,532 |
| 1956.....         | 703,411 | 709,795  | 1,413,206 |
| 1955.....         | 639,130 | 649,731  | 1,288,861 |
| <i>Total—</i>     |         |          |           |
| 1959.....         | 596,159 | 600,018  | 1,196,177 |
| 1958.....         | 481,640 | 499,058  | 980,698   |
| 1957.....         | 738,185 | 755,210  | 1,493,395 |
| 1956.....         | 708,460 | 714,151  | 1,422,611 |
| 1955.....         | 643,764 | 654,989  | 1,298,753 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1959, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1959.....         |             | 145,894,474 | 145,894,474 |
| 1958.....         |             | 135,632,512 | 135,632,512 |
| 1957.....         |             | 138,385,580 | 138,385,580 |
| 1956.....         |             | 121,262,008 | 121,262,008 |
| 1955.....         |             | 82,542,693  | 82,542,693  |
| <i>Via rail—</i>  |             |             |             |
| 1959.....         | 146,944,991 | 2,084,010   | 149,029,001 |
| 1958.....         | 138,354,342 | 1,512,515   | 139,866,857 |
| 1957.....         | 141,553,239 | 2,061,796   | 143,615,035 |
| 1956.....         | 124,052,383 | 1,694,928   | 125,747,311 |
| 1955.....         | 79,104,543  | 1,507,721   | 80,612,264  |
| <i>Via other—</i> |             |             |             |
| 1959.....         |             | 552,695     | 552,695     |
| 1958.....         |             | 387,139     | 387,139     |
| 1957.....         | 13,445      | 474,408     | 487,853     |
| 1956.....         | 4,831       | 710,161     | 714,992     |
| 1955.....         | 75,396      | 604,187     | 679,583     |
| <i>Total—</i>     |             |             |             |
| 1959.....         | 146,944,991 | 148,531,179 | 295,476,170 |
| 1958.....         | 138,354,342 | 137,532,166 | 275,886,508 |
| 1957.....         | 141,566,684 | 140,921,784 | 282,488,468 |
| 1956.....         | 124,057,214 | 123,667,097 | 247,724,311 |
| 1955.....         | 79,179,939  | 84,654,601  | 163,834,540 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$128,343. The principal items were dredging at berths Nos. 2, 3, 4 and 5, Lapointe Pier; renewal of dolphin and bearing piles at No. 3 berth, Lapointe Pier; and road maintenance on the Board's portion of Stewart Street, the new roadway from Dunlevy Avenue to Centennial Pier, and Commissioner Street.

## CAPITAL WORKS

Capital expenditures amounted to \$1,454,113, of which \$37,500 was provided from replacement fund and \$331,081 from revenues. The principal items were:—

*Construction of Centennial Pier.*—A contract was awarded in August, 1957, to Northern Construction Company & J. W. Stewart Limited, for the construction of a new deepsea pier 1,200 feet long by 547 feet wide by means of the concrete crib and copewall method. The work was completed in March, 1959.

*Widening Commissioner Street.*—A contract was awarded to General Construction Company, Limited, for the widening of Commissioner Street from Victoria Drive to the Terminal Dock. The work was completed during the year.

*Paving of Apron and Open Areas, Centennial Pier.*—In November, 1959, a contract was awarded to Commonwealth Construction Company Limited for the paving of approximately 56,000 square yards of open area and the southerly half of the east apron on Centennial Pier. Approximately 12% of the work had been completed by the end of the year.

*Construction of Transit Shed No. 2, Centennial Pier.*—A contract was awarded to Northern Construction Company & J. W. Stewart Limited in October, 1959, for the construction of a transit shed 506 feet long by 203 feet wide, with steel wall framing and timber glulam roof beams, on Centennial Pier. Approximately 7% of the work was completed during the year.

*Waterfront Roadway, Dunlevy Avenue to Heatley Avenue.*—In April, 1959, a contract was awarded to North West Contracting & Bulldozing Co. Ltd. for the construction of a gravel roadway linking Dunlevy Avenue with Heatley Avenue and providing access to Centennial Pier. The work was completed in June, 1959.

*Installation of Water Services, Centennial Pier.*—A contract was awarded to Acme Plumbing & Heating Co. Ltd. in April, 1959, for the installation of watermains on Centennial Pier. The work was completed in July, 1959.

*Improvements to Shed No. 2, Lapointe Pier.*—The work of completely renewing in plywood the wall sheathing of shed No. 2, Lapointe Pier, was commenced by the Board's forces. Approximately 30% of the work was completed during the year.

*Reconstruction of East Gallery, Lapointe Pier.*—Installation of new sheathing and window sash on the east grain gallery at Lapointe Pier is being carried out by the Board's forces. Approximately 90% of the work was completed during the year.



*Construction of Substation, Lapointe Pier.*—Orders for the necessary equipment for a new substation at Lapointe Pier were placed during 1958 and delivery of approximately 50% made during the year. The balance of the material was delivered during 1959 and complete installation effected by the Board's forces.

*Storage Addition, No. 3 Elevator.*—A contract was awarded to Northern Construction Company & J. W. Stewart Limited in March, 1959, for the construction of a 1,000,000-bushel storage addition to No. 3 elevator. The work was completed in November, 1959.

*Construction of Seine Sheds, False Creek Fishermen's Terminal.*—In July, 1959, a contract was awarded to Pacific Steel Erectors Ltd. for the construction of two seine sheds each 105 feet long by 60 feet wide at the False Creek Fishermen's Terminal. The work was completed in December, 1959.

*Cargo Cranes, Centennial Pier.*—A contract was awarded to Hydraulic Service and Equipment Co. Ltd., and J. Pohlig A. G. in September, 1959, for the supply and installation of 4 cargo cranes on Centennial Pier. Delivery of these cranes is expected in 1960 and installation in 1961.

*Refrigeration and Ice Manufacturing Equipment, Cold Storage Plant.*—In September, 1959, a contract was awarded to J. & E. Hall (Canada) Limited for the supply and installation of refrigeration and ice manufacturing equipment, cold storage plant. Seven percent of the work was completed by the end of the year.

*Construction of Office Building, Centennial Pier.*—A contract was awarded to Howe Construction Co. Ltd. in December, 1959, for the construction of an office building on Centennial Pier. Preliminary work only was done during 1959.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—construction of stevedores' washrooms and a checker's office, Ballantyne Pier; purchase of a mooring buoy, an echo sounder, and a new crane for False Creek Fishermen's Terminal, and the installation of a dust collecting system for screening spout, No. 2 elevator, Ballantyne Pier.

## INCOME AND EXPENSE

Operating income was \$4,001,309, as compared with \$3,721,723 in 1958, the increase being \$279,586, while operating expenses were \$2,140,846 as compared with \$2,014,226 in 1958.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net income surplus of \$1,139,026, as compared with a surplus of \$1,064,378 in 1958.



# Harbour of Vancouver BALANCE SHEET AS AT DECEMBER 31, 1959

| ASSETS   |               | LIABILITIES  |            |
|--|---------------|--|------------|
| CURRENT—   |               | ACCOUNTS PAYABLE—GENERAL.....                          |            |
| Cash.....  | 162,599       |  | \$ 348,524 |
| Accounts Receivable.....   | 404,239       | ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         |            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 33,282        |  | 127,402    |
| INVESTMENTS IN BONDS—  |               | CONTRACTORS' HOLDBACKS.....                            |            |
| (At amortized cost, market value \$542,433)                        |               | 600,120  | 89,310     |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      |               | 548,845  | 174,662    |
| RESERVE FUNDS—   |               | 250,590  | 250,590    |
| (Cash, \$33,407; bonds, at amortized cost, \$9,279,318)            |               | CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... |            |
| Replacement of Capital Assets.....                                 | 8,960,837     |  | 990,488    |
| Fire and General Insurance.....                                    | 334,102       | PROPRIETARY EQUITY OF THE GOVERNMENT                   |            |
| Special Maintenance.....   | 37,786        | OF CANADA—   |            |
|  |               | Assets transferred to the Board on its                 |            |
|  |               | establishment, and subsequently.....                   |            |
|  |               | Loans and Advances.....                                |            |
|  |               | \$ 2,661,404   |            |
|  |               | 26,807,478   |            |
| DEBIT BALANCES IN SUSPENSE.....                                    | 9,332,725     | Reserves—  |            |
| PRELIMINARY CAPITAL EXPENDITURES.....                              | 1,240         | Replacement of Capital Assets.....                     |            |
| CAPITAL ASSETS—  | 22,836        | Fire and General Insurance.....                        |            |
| (At cost or estimated cost)  |               | Special Maintenance.....                               |            |
| Harbour Dredging.....  | 18,607        | \$ 9,019,017   |            |
| Real Estate.....   | 7,072,202     | 334,115  |            |
| Roads, Fences and Boundaries.....                                  | 422,725       | 50,639   |            |
| Sewers and Drains.....   | 16,549        | 9,403,771  |            |
| Miscellaneous Structures.....                                      | 27,665        | 38,572,653   |            |
| Wharves and Piers.....   | 9,854,972     | Add: Surplus—  |            |
| Permanent Sheds.....   | 2,248,017     | Balance at Beginning of Year.....                      |            |
| Railway System.....  | 44,483        | Less: Prior Years' Adjustments.....                    |            |
| Grain Elevator System.....   | 9,655,154     | 7,747,048  |            |
| Cold Storage System.....   | 107,561       | 40,994   |            |
| Office Furniture and Appliances.....                               | 54,250        | 7,706,054  |            |
| Harbour Buildings.....   | 181,164       | Add: Net Income for the year, per statement            |            |
| Harbour Shops.....   | 12,496        | of Income and Expense.....                             |            |
| Water Supply System.....   | 53,645        | 1,139,026  |            |
| Floating Equipment.....  | 24,408        | Balance at End of Year.....                            |            |
| Shore Equipment.....   | 501,130       | \$ 47,417,733  |            |
| Miscellaneous Small Plant.....                                     | 67,575        | \$ 48,408,221  |            |
| Engineering-General Surveys.....                                   | 7,871         | \$ 48,408,221  |            |
| Works Under Construction.....                                      | 7,281,391     | \$ 48,408,221  |            |
|  | 37,651,865    | \$ 48,408,221  |            |
|  | \$ 48,408,221 | \$ 48,408,221  |            |

## HARBOUR OF VANCOUVER

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

## OPERATING INCOME

## Harbour—

|                       |                     |  |
|-----------------------|---------------------|--|
| Harbour Dues.....     | \$ 216,012          |  |
| Cargo Rates.....      | 467,869             |  |
| Handling.....         | 1,187,027           |  |
| Property Rentals..... | 357,860             |  |
| Miscellaneous.....    | 79,962              |  |
|                       | <u>\$ 2,308,730</u> |  |

## Wharves and Piers—

|                          |                |  |
|--------------------------|----------------|--|
| Top Wharfage.....        | 435,313        |  |
| Berthage.....            | 403,491        |  |
| Wharf Space Rentals..... | 33,749         |  |
| Miscellaneous.....       | 48,513         |  |
|                          | <u>921,066</u> |  |

## Grain Elevator System—

|              |         |  |
|--------------|---------|--|
| Rentals..... | 498,352 |  |
|--------------|---------|--|

## Cold Storage System—

|                    |               |  |
|--------------------|---------------|--|
| Storage.....       | 3,469         |  |
| Miscellaneous..... | 32,088        |  |
|                    | <u>35,557</u> |  |

## Permanent Sheds—

|                    |                |  |
|--------------------|----------------|--|
| Shed Rentals.....  | 78,660         |  |
| Storage.....       | 60,412         |  |
| Miscellaneous..... | 4,369          |  |
|                    | <u>143,441</u> |  |

## Miscellaneous Services.....

94,163 \$ 4,001,309

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |                  |  |
|---|------------------|--|
| Harbour (including \$1,080,396 for handling)..... | 1,259,500        |  |
| Wharves and Piers.....                            | 255,013          |  |
| Grain Elevator System.....                        | 13,390           |  |
| Cold Storage System.....                          | 41,408           |  |
| Permanent Sheds.....                              | 225,857          |  |
| Miscellaneous Services.....                       | 91,086           |  |
|   | <u>1,886,254</u> |  |

## Administrative—

|  |                |                  |
|--|----------------|------------------|
| Salaries.....  | 95,036         |                  |
| Contributions to Public Service Superannuation Account.... | 32,676         |                  |
| Office Expenses.....                                       | 11,078         |                  |
| Miscellaneous.....   | 115,802        |                  |
|  | <u>254,592</u> |                  |
|  |                | <u>2,140,846</u> |

NET OPERATING INCOME..... 1,860,463

## ADD: OTHER INCOME—

|  |                |                  |
|--|----------------|------------------|
| Income from Investments (less \$17,364 transferred to Reserves other than that for Replacement of Capital Assets)..... | 345,819        |                  |
| Miscellaneous.....   | 9,275          |                  |
|  | <u>355,094</u> |                  |
|  |                | <u>2,215,557</u> |

## DEDUCT: SPECIAL CHARGES—

|   |                  |  |
|---|------------------|--|
| Provision for Interest on Loans and Advances..... | 749,718          |  |
| Provision for Replacement of Capital Assets.....  | 320,964          |  |
| Other.....  | 5,849            |  |
|   | <u>1,076,531</u> |  |

NET INCOME..... \$ 1,139,026

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1959

#### INCOME—

|  |                   |
|--|-------------------|
| Assessments.....   | \$ 370,915        |
| Income from Workmen's Compensation Fund Investments (less \$53,522 applicable to Reserve)..... | —                 |
|  | <u>\$ 370,915</u> |

#### EXPENSE—

|   |                   |
|---|-------------------|
| Salaries of Board Members and Executive Officers.....       | 98,100            |
| Other Salaries.....   | 145,041           |
| Contributions to Public Service Superannuation Account..... | 17,545            |
| Office Expenses.....  | 29,908            |
| Office Rent.....  | 26,117            |
| Travelling Expenses.....                                    | 15,025            |
| Advertising.....  | 7,636             |
| Treasury Office—Salaries and Expenses.....                  | 31,543            |
|   | <u>\$ 370,915</u> |

## Head Office, Ottawa

## BALANCE SHEET AS AT DECEMBER 31, 1959

| ASSETS  |           | LIABILITIES                                     |                     |
|---|-----------|---|---------------------|
| CURRENT—  |           | ACCOUNTS PAYABLE—GENERAL.....                   | \$ 2,000            |
| Cash.....   | \$ 4,411  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA— |                     |
|   |           | Reserves—                                       |                     |
| RESERVE FUNDS—  |           | Replacement of Capital Assets.....              | \$ 11,441           |
| (Cash, \$19,644; bonds, at amortized cost, \$1,412,488) |           | Workmen's Compensation.....                     | 1,432,132           |
| Workmen's Compensation.....                             | 1,432,132 |   | <u>1,443,573</u>    |
|   |           | ADD: SURPLUS—                                   |                     |
| CAPITAL ASSETS—   |           | Balance at Beginning of Year.....               | 13,177              |
| (at cost)   |           | Add: Years' Adjustments.....                    | 675                 |
| Office Furniture and Appliances.....                    | 22,882    | Balance at End of Year.....                     | <u>13,852</u>       |
|   |           |   | 1,457,425           |
|   |           |   | <u>\$ 1,459,425</u> |
|   |           |   | <u>\$ 1,459,425</u> |









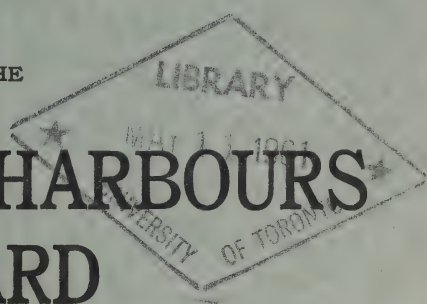
ov. Joe  
an  
1

1 T66  
-A56



Canada

ANNUAL REPORT  
OF THE  
**NATIONAL HARBOURS  
BOARD**



For Calendar Year  
25th. 1960

ROGER DUHAMEL, F.R.S.C.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1961

Price, 25 cents







ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

For Calendar Year

1960

ROGER DUHAMEL, F.R.S.C.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1961

Price 25 cents. Cat. No. TH 1-1960  
Available from the Queen's Printer  
Ottawa, Canada

# NATIONAL HARBOURS BOARD

## Members of Board

|                        |                |
|------------------------|----------------|
| M. Archer, P. Eng..... | Chairman.      |
| H. A. Mann.....        | Vice-Chairman. |
| E. J. Alton.....       | Member.        |
| C. H. Malcolm.....     | Member.        |

## Head Office Officials

|                             |   |
|-----------------------------|---|
| W. C. Perron.....           | Executive Director.                         |
| T. M. Bryson, M.B.E.....    | Secretary.                                  |
| Roger St. Jean.....         | Assistant Secretary.                        |
| L. R. Stratton, P. Eng..... | Chief Engineer.                             |
| J. F. Finlay.....           | Legal Adviser.                              |
| N. W. Bowen.....            | Director, Traffic<br>Development<br>Branch. |

## Port Officials

|                     |                              |               |
|---------------------|------------------------------|---------------|
| Halifax.....        | J. R. Mitchell.....          | Port Manager. |
| Saint John.....     | D. M. Vye, P. Eng.....       | Port Manager. |
| Chicoutimi.....     | Albert Maltais.....          | Port Manager. |
| Quebec.....         | Louis Beaudry, P. Eng.....   | Port Manager. |
| Three Rivers.....   | L. St. Pierre.....           | Port Manager. |
| Montreal.....       | Guy Beaudet, P. Eng.....     | Port Manager. |
| Prescott.....       | Neil McKay.....              | Manager.      |
| Port Colbourne..... | F. W. Moore.....             | Manager.      |
| Churchill.....      | H. M. Wilson.....            | Port Manager. |
| Vancouver.....      | B. D. L. Johnson, O.B.E..... | Port Manager. |



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 62   |
| Jacques Cartier Bridge.....          | 79   |
| Prescott Elevator.....               | 83   |
| Port Colborne Elevator.....          | 87   |
| Harbour of Churchill.....            | 90   |
| Harbour of Vancouver.....            | 95   |
| Head Office, Ottawa.....             | 107  |

## NATIONAL HARBOURS BOARD

OTTAWA, March 2, 1961

To the Honourable LEON BALCER, M.P.,  
Minister of Transport,  
Ottawa

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-fifth annual report of the National Harbours Board, covering the operations for the calendar year 1960, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne.

### SHIPPING

Harbour traffic in 1960 surpassed all previous records. Vessel arrivals numbered 47, 462, the aggregate net registered tonnage being 60,178,622. The comparable figures for 1959 were 48,173 vessels aggregating 57,417,941 net registered tons. The following statement shows the number and tonnage of vessels which arrived at and departed from harbours under the administration of the Board in the past five years:

### VESSELS—ARRIVALS AND DEPARTURES

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 47,462                  | 60,178,622                   |
| 1959.....          | 48,173                  | 57,417,941                   |
| 1958.....          | 48,242                  | 47,894,829                   |
| 1957.....          | 49,421                  | 49,648,800                   |
| 1956.....          | 51,583                  | 50,355,977                   |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 48,091                  | 60,370,560                   |
| 1959.....          | 48,046                  | 57,355,507                   |
| 1958.....          | 47,810                  | 47,873,323                   |
| 1957.....          | 49,031                  | 49,626,254                   |
| 1956.....          | 51,332                  | 50,222,995                   |

(Exclusive of Naval Vessels)

### CARGO TONNAGE

Aggregate cargo tonnage in 1960 was 52,222,526 as compared with 48,668,444 in 1959, the increase being 3,554,082 tons, or 7%.

Grain traffic showed a decrease from the previous year, dropping from 12,154,457 tons to 10,911,930, a decrease of 1,242,527 tons, or approximately 10%.

Considering other commodities with aggregate tonnages in excess of 200,000, there were increases in crude petroleum, fuel oil, bituminous coal, gasoline,

pulpwood, lumber, logs, flour, sugar, newsprint, sand and gravel, wood-pulp, motor vehicles and parts, iron ore, hog fuel and fertilizer. Decreases were shown in gypsum, cement, ores and concentrates, asbestos, and iron or steel band, bars, etc.

Foreign inward traffic increased 1,942,962 tons, or 15%, and foreign outward traffic increased 498,451 tons, or 3%, compared with 1959. Domestic traffic inward increased 193,330 tons, or 1.5%, and domestic traffic outward increased 919,348 tons, or 12%, compared with 1959.

The following statement summarizes the volume of water-borne cargo tonnage in 1960 and the four previous years:

### CARGO TONNAGE—SUMMARY

Basis Tons-weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1960.....        | 14,972,978 | 15,752,788 | 30,725,766 |
| 1959.....        | 13,030,025 | 15,254,337 | 28,284,362 |
| 1958.....        | 10,498,256 | 15,551,446 | 26,049,702 |
| 1957.....        | 10,490,379 | 15,964,867 | 26,455,246 |
| 1956.....        | 11,129,214 | 17,215,779 | 28,344,993 |
| <i>Domestic—</i> |            |            |            |
| 1960.....        | 12,801,770 | 8,694,990  | 21,496,760 |
| 1959.....        | 12,608,440 | 7,775,642  | 20,384,082 |
| 1958.....        | 13,725,728 | 7,308,259  | 21,033,987 |
| 1957.....        | 12,692,504 | 7,528,414  | 20,220,918 |
| 1956.....        | 14,101,033 | 8,023,506  | 22,124,539 |
| <i>Total—</i>    |            |            |            |
| 1960.....        | 27,774,748 | 24,447,778 | 52,222,526 |
| 1959.....        | 25,638,465 | 23,029,979 | 48,668,444 |
| 1958.....        | 24,223,984 | 22,859,705 | 47,083,689 |
| 1957.....        | 23,182,883 | 23,493,281 | 46,676,164 |
| 1956.....        | 25,230,247 | 25,239,285 | 50,469,532 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### INCOME AND EXPENSE

Operating income in 1960 amounted to \$27,138,528 as compared with \$24,206,496 in the previous year, an increase of \$2,932,032.

Expenses of administration, operation and maintenance in 1960 were \$17,433,786, as against \$15,598,321 in the previous year, an increase of \$1,835,465.

Salaries and wages amounted to \$11,165,000, as compared with \$10,671,000 in 1959. Retirement benefits for employees cost \$386,000 by way of contribution to the Public Service Superannuation Account.

Maintenance expenses in 1960 were \$5,304,100, as compared with \$4,098,856 in the previous year.

Net operating income was \$9,704,742 as against \$8,608,175 in 1959, an increase of \$1,096,567.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1960 resulted in a net loss of \$675,614, as compared with a net loss of \$594,847 in 1959.

The following is a comparative consolidated income statement for each of the years 1956 to 1960 inclusive:

## COMPARATIVE CONSOLIDATED INCOME STATEMENT

|                                    | 1960       | 1959       | 1958       | 1957       | 1956       |
|------------------------------------|------------|------------|------------|------------|------------|
|                                    | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....              | 27,138,528 | 24,206,496 | 24,075,931 | 23,303,811 | 24,057,779 |
| OPERATING AND MAINTENANCE EXPENSES | 17,433,786 | 15,598,321 | 14,786,764 | 14,270,611 | 14,366,362 |
| Net Operating Income.....          | 9,704,742  | 8,608,175  | 9,289,167  | 9,033,200  | 9,691,417  |
| MISCELLANEOUS CREDITS (NET).....   | 2,355,024  | 2,124,998  | 2,019,989  | 1,642,147  | 1,469,209  |
| Total Income.....                  | 12,059,766 | 10,733,173 | 11,309,156 | 10,675,347 | 11,160,626 |
| OTHER INCOME REQUIREMENTS          |            |            |            |            |            |
| Provision for—                     |            |            |            |            |            |
| Replacement of Capital Assets..    | 4,139,232  | 3,403,259  | 3,266,577  | 3,107,787  | 3,047,745  |
| Interest due Government.....       | 8,596,148  | 7,924,761  | 6,970,371  | 6,242,458  | 5,808,544  |
|                                    | 12,735,380 | 11,328,020 | 10,236,948 | 9,350,245  | 8,856,289  |
| Net Income/Loss.....               | 675,614    | 594,847    | 1,072,208  | 1,325,102  | 2,304,337  |

The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                 |      | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|-----------------|------|---------------------|----------------------|----------------------------|
|                 |      | \$                  | \$                   | \$                         |
| Halifax.....    | 1956 | 1,909,248           | 1,434,250            | 474,998                    |
|                 | 1957 | 1,947,120           | 1,432,788            | 514,332                    |
|                 | 1958 | 1,859,423           | 1,555,546            | 303,877                    |
|                 | 1959 | 1,898,760           | 1,628,924            | 269,836                    |
|                 | 1960 | 2,056,895           | 1,887,424            | 169,471                    |
| Saint John..... | 1956 | 965,767             | 910,423              | 55,344                     |
|                 | 1957 | 947,312             | 880,078              | 67,234                     |
|                 | 1958 | 794,814             | 908,112              | 113,298*                   |
|                 | 1959 | 824,496             | 869,110              | 44,614*                    |
|                 | 1960 | 973,481             | 959,037              | 14,444                     |
| Chicoutimi..... | 1956 | 110,108             | 27,944               | 82,164                     |
|                 | 1957 | 110,534             | 32,022               | 78,512                     |
|                 | 1958 | 110,486             | 39,499               | 70,987                     |
|                 | 1959 | 118,420             | 41,584               | 76,836                     |
|                 | 1960 | 120,428             | 44,608               | 75,820                     |
| Quebec.....     | 1956 | 2,078,286           | 1,955,500            | 122,786                    |
|                 | 1957 | 1,972,806           | 1,929,407            | 43,399                     |
|                 | 1958 | 2,047,749           | 1,676,260            | 371,489                    |
|                 | 1959 | 2,282,094           | 1,765,315            | 516,779                    |
|                 | 1960 | 2,403,453           | 1,662,067            | 743,386                    |

\* Deficit



|  | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|--|---------------------|----------------------|----------------------------|
|  | \$                  | \$                   | \$                         |
| Three Rivers.....1956                      | 393,156             | 179,035              | 214,121                    |
| 1957                                       | 406,177             | 69,407               | 336,770                    |
| 1958                                       | 414,098             | 77,117               | 336,981                    |
| 1959                                       | 449,026             | 123,207              | 325,819                    |
| 1960                                       | 603,169             | 109,118              | 494,051                    |
| Montreal.....1956                          | 9,761,604           | 5,365,474            | 4,396,130                  |
| 1957                                       | 8,670,352           | 5,457,114            | 3,213,238                  |
| 1958                                       | 9,319,870           | 6,076,232            | 3,243,638                  |
| 1959                                       | 9,460,587           | 6,358,410            | 3,102,177                  |
| 1960                                       | 10,862,437          | 7,644,245            | 3,218,192                  |
| Jacques Cartier Bridge (Montreal).....1956 | 2,154,240           | 278,257              | 1,875,983                  |
| 1957                                       | 2,228,438           | 318,392              | 1,910,046                  |
| 1958                                       | 2,104,794           | 353,679              | 1,751,115                  |
| 1959                                       | 2,354,815           | 699,598              | 1,655,217                  |
| 1960                                       | 3,354,276           | 738,556              | 2,615,720                  |
| Prescott.....1956                          | 1,086,880           | 488,972              | 597,908                    |
| 1957                                       | 1,089,935           | 502,142              | 587,793                    |
| 1958                                       | 1,452,686           | 625,883              | 826,803                    |
| 1959                                       | 876,474             | 472,566              | 403,908                    |
| 1960                                       | 882,058             | 465,771              | 416,287                    |
| Port Colborne.....1956                     | 869,683             | 588,078              | 281,605                    |
| 1957                                       | 732,607             | 470,134              | 262,473                    |
| 1958                                       | 906,324             | 527,868              | 378,456                    |
| 1959                                       | 550,653             | 347,728              | 202,925                    |
| 1960                                       | 454,086             | 284,564              | 169,522                    |
| Churchill.....1956                         | 1,074,722           | 745,554              | 329,168                    |
| 1957                                       | 1,097,120           | 918,842              | 178,278                    |
| 1958                                       | 1,343,964           | 932,342              | 411,622                    |
| 1959                                       | 1,389,862           | 1,151,033            | 238,829                    |
| 1960                                       | 1,306,329           | 1,142,209            | 164,120                    |
| Vancouver.....1956                         | 3,654,085           | 2,392,875            | 1,261,210                  |
| 1957                                       | 4,101,410           | 2,260,285            | 1,841,125                  |
| 1958                                       | 3,721,723           | 2,014,226            | 1,707,497                  |
| 1959                                       | 4,001,309           | 2,140,846            | 1,860,463                  |
| 1960                                       | 4,119,916           | 2,496,187            | 1,623,729                  |
| All Units.....1956                         | 24,057,779          | 14,366,362           | 9,691,417                  |
| 1957                                       | 23,303,811          | 14,270,611           | 9,033,200                  |
| 1958                                       | 24,075,931          | 14,786,764           | 9,289,167                  |
| 1959                                       | 24,206,496          | 15,598,321           | 8,608,175                  |
| 1960                                       | 27,138,528          | 17,433,786           | 9,704,742                  |

### CHANGE IN TARIFFS

Major changes in harbour tariffs in 1960 were the reissue of By-law B-2, Tariff of Dockage, Buoyage and Anchorage Charges, increasing the rates to offset increased costs. By-law B-3, Tariff of Top Wharfage Charges was amended to provide for a 25% surcharge in lieu of the previous 10% surcharge. By-law Vancouver B-5 was reissued to effect a more equitable imposition of charges. By-law Halifax B-6 (a) was reissued to provide for slight increases to offset increased costs. A new By-law B-14, Tariff of Passenger Charges was issued to provide for passenger charges at the Board's eastern harbours. These charges

were formerly under By-law B-3. A number of minor adjustments were made in other tariffs relating to increases in charges brought about by higher costs. A number of commutations were made to provide relief from charges in certain specific cases.

### CAPITAL EXPENDITURES

Expenditures on capital account in 1960 totalled \$17,243,266. Of this amount, \$11,880,305 has been or will be financed by advances from the Government, bearing interest at the rate prevailing at the date of such advances; \$1,155,886 was provided from replacement funds; and \$4,207,075 from revenue.

The distribution of capital expenditures, by places, is as follows:

#### *From Borrowings—*

|                |            |                     |
|----------------|------------|---------------------|
| Quebec.....    | \$ 429,663 |                     |
| Montreal.....  | 11,007,649 |                     |
| Churchill..... | 249,372    |                     |
| Vancouver..... | 193,621    |                     |
|                |            | <hr/> \$ 11,880,305 |

#### *From Replacement Funds—*

|                 |         |                 |
|-----------------|---------|-----------------|
| Halifax.....    | 3,366   |                 |
| Saint John..... | 4,620   |                 |
| Montreal.....   | 947,900 |                 |
| Vancouver.....  | 200,000 |                 |
|                 |         | <hr/> 1,155,886 |

#### *From Revenues—*

|                             |           |                     |
|-----------------------------|-----------|---------------------|
| Halifax.....                | 357,078   |                     |
| Saint John.....             | 273,114   |                     |
| Quebec.....                 | 400,000   |                     |
| Three Rivers.....           | 103,740   |                     |
| Montreal.....               | 1,100,000 |                     |
| Jacques Cartier Bridge..... | 100,577   |                     |
| Prescott.....               | 26,319    |                     |
| Churchill.....              | 446,435   |                     |
| Vancouver.....              | 1,399,812 |                     |
|                             |           | <hr/> 4,207,075     |
|                             |           | <hr/> \$ 17,243,266 |
|                             |           | <hr/>               |

Major construction projects completed or in progress during 1960 included new or improved wharves at Halifax, Quebec, Montreal, and Vancouver; new transit sheds at Quebec, Three Rivers, Montreal, and Vancouver, and extension to

transit shed at Montreal; additions and/or improvements to grain elevators, loading and unloading facilities and equipment at Halifax, Saint John, Quebec, Montreal, Prescott, and Vancouver; expansion and/or improvements to the electrical system at Halifax, Quebec, and Montreal; installation of refrigeration and ice manufacturing equipment at Vancouver; construction of piers, superstructure, and placing of fill for Champlain Bridge. Uncompleted work at the end of the year on major contracts amounted to approximately \$10,950,000.

The book value of capital assets at December 31, 1960, was \$348,743,681.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1960, and also the amounts paid to the Treasury from Board funds:

### *Amounts Required from Government—*

|                           |               |
|---------------------------|---------------|
| Capital expenditures..... | \$ 11,880,305 |
|---------------------------|---------------|

### *Amounts Paid to Government—*

|                           |              |
|---------------------------|--------------|
| Interest on Advances..... | \$ 3,884,232 |
|---------------------------|--------------|

|                            |         |
|----------------------------|---------|
| Repayment of Advances..... | 317,374 |
|----------------------------|---------|

|  |                     |
|--|---------------------|
|  | <u>\$ 4,201,606</u> |
|--|---------------------|

## RESERVE FUNDS

As at December 31, 1960, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$62,273,579, the increase in the year being \$1,861,427.

The reserves consist of cash on deposit with the Receiver General, \$1,030,777, and investments in authorized securities, book value \$61,242,802, market value \$54,318,612. In addition miscellaneous funds were held in the amount of \$115,249, represented by cash on deposit with the Receiver General, \$30,307, and authorized investments, book value \$84,942, market value \$77,717.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$7,260,468 book value, market value \$7,292,014.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1960, and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and traffic statistics and information respecting the work carried on during the year, are appended to this report.

Respectfully submitted,

M. ARCHER,

*Chairman.*

H. A. MANN,

*Vice-Chairman.*

E. J. ALTON,

C. H. MALCOLM,

*Members.*

T. M. BRYSON,

*Secretary.*





|   |                      |                      |
|---|----------------------|----------------------|
| <b>CAPITAL ASSETS—</b>  |                      |                      |
| (at cost or estimated cost)                                       |                      |                      |
| Harbour Dredging.....   | 20,742,381           | 19,985,142           |
| Land and Land Improvements.....                                   | 16,453,676           | 16,089,319           |
| Wharves and Piers.....  | 131,116,938          | 120,881,168          |
| Permanent Sheds.....  | 36,089,139           | 33,805,183           |
| Railway Systems.....  | 6,654,491            | 6,705,386            |
| Grain Elevator Systems.....                                       | 70,614,451           | 68,018,847           |
| Cold Storage Systems.....   | 6,637,163            | 6,352,292            |
| Harbour Buildings, Service Plants<br>and Equipment.....           | 8,683,741            | 8,290,316            |
| Flooding and Shore Equipment.....                                 | 3,850,105            | 3,427,302            |
| Jacques Cartier Bridge.....                                       | 22,102,772           | 22,022,545           |
| Works under Construction.....                                     | 21,352,667           | 21,044,041           |
| Sundry Expenditure—   |                      |                      |
| Undistributed.....  | 4,446,157            | 4,446,157            |
|   | <u>348,743,681</u>   | <u>331,668,298</u>   |
|   | <u>\$428,501,541</u> | <u>\$407,864,263</u> |
| <b>Deduct: Deficit—</b>   |                      |                      |
| Balance at Beginning of Year..                                    | 66,772,207           | 65,743,768           |
| Add: Prior Years' Adjustments                                     | 113,194              | 433,592              |
| Loss for the year, per<br>statement of Income and<br>Expense..... | 675,614              | 594,847              |
| Balance at End of Year.....                                       | <u>67,561,015</u>    | <u>66,772,207</u>    |
|   | 421,091,625          | 399,242,517          |
|   | <u>\$428,501,541</u> | <u>\$407,864,263</u> |

Certified Correct:

T. M. BRYSON,  
*Secretary.*

Approved:

M. ARCHER,  
*Chairman.*

The above Balance Sheet and the related Statement of Income and Expense have been examined and reported upon under date of March 13, 1961 to the Minister of Transport, as required by section 87 of the Financial Administration Act.

A. M. HENDERSON,  
*Auditor General of Canada.*

## NATIONAL HARBOURS BOARD

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

(with comparative figures for the year ended December 31, 1959)

|                             | 1960                | 1959                |
|-----------------------------|---------------------|---------------------|
| OPERATING INCOME—           |                     |                     |
| Harbours—                   |                     |                     |
| Harbour Dues.....           | \$ 499,798          | \$ 465,336          |
| Cargo Rates.....            | 461,411             | 467,869             |
| Handling.....               | 1,213,927           | 1,187,027           |
| Property Rentals.....       | 644,534             | 608,145             |
| Miscellaneous.....          | 125,843             | 139,308             |
|                             | <u>\$ 2,945,513</u> | <u>2,867,685</u>    |
| Wharves and Piers—          |                     |                     |
| Top Wharfage.....           | 5,755,606           | 4,878,326           |
| Dockage and Berthage.....   | 2,055,850           | 1,549,736           |
| Wharf Space Rentals.....    | 929,014             | 687,054             |
| Miscellaneous.....          | 81,694              | 104,623             |
|                             | <u>8,822,164</u>    | <u>7,219,739</u>    |
| Grain Elevator Systems—     |                     |                     |
| Elevation.....              | 3,038,596           | 3,505,133           |
| Storage.....                | 2,987,567           | 2,492,779           |
| Rentals.....                | 608,368             | 553,557             |
| Miscellaneous.....          | 469,825             | 512,927             |
|                             | <u>7,104,356</u>    | <u>7,064,396</u>    |
| Cold Storage Systems—       |                     |                     |
| Storage.....                | 782,465             | 841,683             |
| Miscellaneous.....          | 295,530             | 311,181             |
|                             | <u>1,077,995</u>    | <u>1,152,864</u>    |
| Permanent Sheds—            |                     |                     |
| Shed Rentals.....           | 1,415,529           | 1,023,048           |
| Storage.....                | 187,072             | 195,523             |
| Miscellaneous.....          | 176,424             | 172,451             |
|                             | <u>1,779,025</u>    | <u>1,391,022</u>    |
| Jacques Cartier Bridge..... | 3,354,276           | 2,354,815           |
| Railway Systems.....        | 809,596             | 829,533             |
| Miscellaneous Services..... | 1,245,603           | 1,326,442           |
|                             | <u>\$27,138,528</u> | <u>\$24,206,496</u> |

NATIONAL HARBOURS BOARD

15

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960  
(with comparative figures for the year ended December 31, 1959)

|  | 1960         | 1959         |
|--|--------------|--------------|
| OPERATING INCOME—  |              |              |
| (from previous page)   | \$27,138,528 | \$24,206,496 |
| OPERATING EXPENSES—  |              |              |
| Operation and Maintenance—   |              |              |
| Harbours (including dredging, \$368,348; handling, \$1,104,834)  | \$3,408,577  | 2,999,380    |
| Wharves and Piers.....   | 1,081,567    | 759,392      |
| Grain Elevator Systems.....  | 5,229,165    | 4,526,831    |
| Cold Storage Systems.....  | 1,103,680    | 1,092,098    |
| Permanent Sheds.....   | 1,457,517    | 1,187,201    |
| Jacques Cartier Bridge.....  | 658,097      | 638,733      |
| Railway Systems.....   | 1,188,509    | 1,190,925    |
| Miscellaneous Services.....  | 1,469,153    | 1,480,375    |
|  | 15,596,265   | 13,874,935   |
| Administrative—  |              |              |
| Salaries of Board Members and Executive Officers.....  | 97,866       | 98,100       |
| Other Salaries.....  | 892,234      | 832,809      |
| Contributions to Public Service Superannuation Account....   | 386,378      | 340,047      |
| Office Expenses.....   | 88,756       | 82,810       |
| Miscellaneous.....   | 372,287      | 369,620      |
|  | 1,837,521    | 1,723,386    |
|  | 17,433,786   | 15,598,321   |
| NET OPERATING INCOME.....  | 9,704,742    | 8,608,175    |
| ADD: OTHER INCOME—   |              |              |
| Income from investments (less \$249,659 transferred to Reserves<br>other than that for Replacement of Capital Assets)..... | 2,476,532    | 2,223,562    |
| Miscellaneous.....   | 178,329      | 120,844      |
|  | 2,654,861    | 2,344,406    |
|  | 12,359,603   | 10,952,581   |
| DEDUCT: SPECIAL CHARGES—   |              |              |
| Provision for interest on Loans and Advances.....  | 8,596,148    | 7,924,761    |
| Provision for Replacement of Capital Assets.....   | 4,139,232    | 3,403,259    |
| Amortization of Bond Discount and Bond Redemption Expense.   | 61,334       | 61,334       |
| Other.....   | 238,503      | 158,074      |
|  | 13,035,217   | 11,547,428   |
| NET LOSS.....  | \$ 675,614   | \$ 594,847   |



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL OF CANADA

OTTAWA, March 13, 1961.

The Honourable LEON BALCER,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1960. In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

A. M. HENDERSON,  
*Auditor General of Canada.*

## HARBOUR OF HALIFAX

The harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 19,000 linear feet of berthing, which provide 32 deep-water berths. There are 20 transit sheds with an aggregate floor area of about 1,290,000 square feet including frost-proof areas. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 90,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with sharp-freezing, storing, and packing equipment, and ample rail connections. Several floating cranes are available with capacities ranging from 15 to 80 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 3,134                   | 6,632,168                    |
| 1959.....          | 3,303                   | 6,867,887                    |
| 1958.....          | 2,923                   | 6,368,600                    |
| 1957.....          | 2,938                   | 6,650,659                    |
| 1956.....          | 2,887                   | 6,443,407                    |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 3,123                   | 6,586,184                    |
| 1959.....          | 3,287                   | 6,896,384                    |
| 1958.....          | 2,899                   | 6,333,077                    |
| 1957.....          | 2,929                   | 6,635,331                    |
| 1956.....          | 2,885                   | 6,474,538                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960              |                        | 1959              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,515             | 6,421,838              | 1,615             | 6,635,864              |
| Coastal or inland commercial (including fishery)..... | 1,556             | 174,319                | 1,635             | 192,743                |
| Other.....  | 63                | 36,011                 | 53                | 39,280                 |
| Total.....  | 3,134             | 6,632,168              | 3,303             | 6,867,887              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,506             | 6,369,270              | 1,621             | 6,674,266              |
| Coastal or inland commercial (including fishery)..... | 1,549             | 172,061                | 1,620             | 188,434                |
| Other.....  | 68                | 44,853                 | 46                | 33,684                 |
| Total.....  | 3,123             | 6,586,184              | 3,287             | 6,896,384              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
| <i>Foreign—</i>  |           |           |           |
| 1960.....        | 3,446,000 | 2,499,285 | 5,945,285 |
| 1959.....        | 3,605,380 | 2,636,562 | 6,241,942 |
| 1958.....        | 3,279,928 | 2,097,655 | 5,377,583 |
| 1957.....        | 3,262,546 | 2,111,085 | 5,373,631 |
| 1956.....        | 2,901,904 | 2,281,097 | 5,183,001 |
| <i>Domestic—</i> |           |           |           |
| 1960.....        | 431,813   | 1,606,849 | 2,038,662 |
| 1959.....        | 290,253   | 1,601,716 | 1,891,969 |
| 1958.....        | 124,594   | 1,461,920 | 1,586,514 |
| 1957.....        | 136,713   | 1,473,968 | 1,610,681 |
| 1956.....        | 232,612   | 1,435,283 | 1,667,895 |
| <i>Total—</i>    |           |           |           |
| 1960.....        | 3,877,813 | 4,106,134 | 7,983,947 |
| 1959.....        | 3,895,633 | 4,238,278 | 8,133,911 |
| 1958.....        | 3,404,522 | 3,559,575 | 6,964,097 |
| 1957.....        | 3,399,259 | 3,585,053 | 6,984,312 |
| 1956.....        | 3,134,516 | 3,716,380 | 6,850,896 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

CARGO TONNAGE—COMMODITIES  
(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil,<br>crude | Gypsum,<br>crude | Petroleum<br>Oil,<br>fuel | Gasoline | Grain   | Motor<br>Vehicles<br>and Parts | Flour,<br>wheat | Fish<br>(including<br>Shell-fish),<br>dried,<br>pickled,<br>salted or<br>smoked | Cement,<br>common<br>or portland | Rubber,<br>crude<br>(including<br>Latex) | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring<br>and Square<br>Timber) |
|------------------|----------------------------|------------------|---------------------------|----------|---------|--------------------------------|-----------------|---|----------------------------------|--|--|
| <i>Foreign—</i>  |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| Inward—          |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | 2,643,256                  | .....            | 295,571                   | 71,107   | 6,810   | 154,439                        | .....           | 631   | 278                              | 32,954                                   | 1,275  |
| 1959.....        | 2,703,714                  | .....            | 304,018                   | 118,068  | .....   | 168,729                        | 813             | 1,077   | 696                              | 42,598                                   | 388  |
| Outward—         |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | .....                      | 1,700,660        | 16,775                    | 10,254   | 313,845 | 15,147                         | 109,728         | 64,174  | 181                              | 3,617                                    | 32,301   |
| 1959.....        | .....                      | 1,792,609        | 47,709                    | 479      | 391,965 | 5,083                          | 110,675         | 42,793  | 60                               | 4,088                                    | 16,444   |
| <i>Domestic—</i> |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| Inward—          |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | .....                      | .....            | 80,272                    | 120,778  | 118,327 | 510                            | 3,978           | 11,985  | 55,765                           | .....                                    | 1,833  |
| 1959.....        | .....                      | .....            | 34,397                    | 88,188   | 46,030  | 387                            | 3,001           | 16,060  | 52,067                           | .....                                    | 763  |
| Outward—         |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | .....                      | 91,664           | 979,464                   | 465,849  | .....   | 1,041                          | 5,971           | 1   | 579                              | .....                                    | 639  |
| 1959.....        | .....                      | 52,559           | 1,026,574                 | 420,360  | .....   | 1,758                          | 7,565           | 455   | 507                              | .....                                    | 9,654  |
| <i>Totals—</i>   |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| Inward—          |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | 2,643,256                  | .....            | 375,843                   | 191,885  | 125,137 | 154,949                        | 3,978           | 12,616  | 56,043                           | 32,954                                   | 3,108  |
| 1959.....        | 2,703,714                  | .....            | 338,415                   | 206,256  | 46,030  | 169,116                        | 3,814           | 17,137  | 52,763                           | 42,598                                   | 1,151  |
| Outward—         |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | .....                      | 1,792,324        | 996,239                   | 476,103  | 313,845 | 16,188                         | 115,699         | 64,175  | 760                              | 3,617                                    | 32,940   |
| 1959.....        | .....                      | 1,845,168        | 1,074,283                 | 420,839  | 391,965 | 6,841                          | 118,240         | 43,248  | 567                              | 4,088                                    | 26,098   |
| Total—           |                            |                  |                           |          |         |                                |                 |   |                                  |  |  |
| 1960.....        | 2,643,256                  | 1,792,324        | 1,372,082                 | 667,988  | 438,982 | 171,137                        | 119,677         | 76,791  | 56,803                           | 36,571                                   | 36,048   |
| 1959.....        | 2,703,714                  | 1,845,168        | 1,412,698                 | 637,095  | 437,995 | 175,957                        | 122,054         | 60,355  | 53,330                           | 46,686                                   | 27,249   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  |        | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Fish<br>(including<br>Shell-fish),<br>fresh or<br>frozen | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods, or<br>slabs | Vegetable<br>Oils | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate | Salt   | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Potatoes | Tea    | Apples |
|------------------|--------|--|--|---|-------------------|--|--------|---|---|----------|--------|--------|
| <i>Foreign—</i>  |        |  |  |   |                   |  |        |   |   |          |        |        |
| Inward—          |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        | 1      |  | 184  | 437   | 17,443            | 9,002  | 15,170 | 2   | .....   | .....    | 11,249 | .....  |
| 1959.....        |        |  |  | 727   | 28,236            | 6,944  | 14,527 | 82  | .....   | .....    | 8,724  | .....  |
| Outward—         |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        | 34,336 |  | 1,133  | 23,647  | 1,913             | 9,842  | 34     | 15,139  | 5,086   | 11,790   | 5      | 10,071 |
| 1959.....        | 19,368 |  | 193  | 14,495  | .....             | 22,869   | 44     | 23,756  | 2,927   | 21,417   | 5      | 7,875  |
| <i>Domestic—</i> |        |  |  |   |                   |  |        |   |   |          |        |        |
| Inward—          |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        |        |  | 32,492   | .....   | .....             | 552  | .....  | 553   | .....   | .....    | .....  | .....  |
| 1959.....        |        |  | 33,511   | .....   | 244               | 128  | 65     | 445   | .....   | .....    | .....  | .....  |
| Outward—         |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        |        |  | 6  | 1   | 1,491             | 467  | 1,519  | 697   | 7,776   | 1,293    | 205    | 601    |
| 1959.....        |        |  | 3  | .....   | 2,575             | 1,014  | 966    | 1,713   | 8,638   | 2,169    | 153    | 600    |
| <i>Totals—</i>   |        |  |  |   |                   |  |        |   |   |          |        |        |
| Inward—          |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        | 1      |  | 32,676   | 437   | 17,443            | 9,554  | 15,170 | 555   | 250   | .....    | 11,249 | .....  |
| 1959.....        |        |  | 33,511   | 727   | 28,480            | 7,072  | 14,592 | 527   | 286   | .....    | 8,724  | .....  |
| Outward—         |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        | 34,336 |  | 1,139  | 23,648  | 3,404             | 10,309   | 1,553  | 15,886  | 12,862  | 13,083   | 210    | 10,672 |
| 1959.....        | 19,368 |  | 196  | 14,495  | 2,575             | 23,883   | 1,010  | 25,469  | 11,565  | 23,586   | 158    | 8,475  |
| Total—           |        |  |  |   |                   |  |        |   |   |          |        |        |
| 1960.....        | 34,337 |  | 33,815   | 24,085  | 20,847            | 19,863   | 16,723 | 16,441  | 13,112  | 13,083   | 11,459 | 10,672 |
| 1959.....        | 19,368 |  | 33,707   | 15,222  | 31,055            | 30,955   | 15,602 | 25,996  | 11,851  | 23,586   | 8,882  | 8,475  |

|                  | Paper,<br>newsprint | Coal,<br>anthracite | Fertilizers<br>and<br>Fertilizer<br>Materials | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Iron or<br>Steel,<br>structural | Fruits,<br>canned or<br>preserved | Asbestos<br>and<br>Asbestos<br>Manufac-<br>tures | Cotton<br>Manufac-<br>tures not<br>otherwise<br>specified | Glass and<br>Glass<br>Manufac-<br>tures | Iron or<br>Steel Wire<br>and Wire<br>Manufac-<br>tures | Fruits,<br>fresh, not<br>otherwise<br>specified |
|------------------|---------------------|---------------------|---|---|---------------------------------|-----------------------------------|--|---|---|--|---|
| <i>Foreign—</i>  |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| Inward—          |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        |                     | 9,382               | 7,175   | 8,568   | 7,734                           | 6,034                             | 146  | 6,140   | 6,561                                   | 3,945  | 6,179   |
| 1959.....        |                     | 3,260               | 8,414   | 7,400   | 10,871                          | 5,737                             | 43   | 3,703   | 7,702                                   | 2,654  | 7,373   |
| Outward—         |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        | 10,052              |                     | 590   | 929   | 102                             | 342                               | 7,544  | 897   | 181                                     | 2,534  | 65  |
| 1959.....        | 9,377               |                     | 750   | 688   | 27                              | 680                               | 5,986  | 103   | 9                                       | 29   | 318   |
| <i>Domestic—</i> |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| Inward—          |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        |                     |                     |   | 10  | 367                             | 83                                | 1  |   | 5                                       | 2  |   |
| 1959.....        |                     |                     |   | 96  | 34                              | 32                                | 73   |   | 9                                       | 63   | 25  |
| Outward—         |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        | 2                   | 305                 | 1,904   | 139   | 437                             | 1,259                             | 2  | 17  | 35                                      | 136  | 86  |
| 1959.....        |                     | 345                 | 1,207   | 317   | 1,242                           | 754                               | 39   | 4   | 12                                      | 150  | 125   |
| <i>Totals—</i>   |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| Inward—          |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        |                     | 9,382               | 7,175   | 8,578   | 8,101                           | 6,117                             | 147  | 6,140   | 6,566                                   | 3,947  | 6,179   |
| 1959.....        |                     | 3,260               | 8,414   | 7,496   | 10,905                          | 5,769                             | 116  | 3,703   | 7,711                                   | 2,717  | 7,398   |
| Outward—         |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        | 10,054              | 305                 | 2,494   | 1,068   | 539                             | 1,601                             | 7,546  | 914   | 216                                     | 2,670  | 151   |
| 1959.....        | 9,377               | 345                 | 1,957   | 1,005   | 1,269                           | 1,434                             | 6,025  | 107   | 21                                      | 179  | 443   |
| Total—           |                     |                     |   |   |                                 |                                   |  |   |   |  |   |
| 1960.....        | 10,054              | 9,687               | 9,669   | 9,646   | 8,640                           | 7,718                             | 7,693  | 7,054   | 6,782                                   | 6,617  | 6,330   |
| 1959.....        | 9,377               | 3,605               | 10,371  | 8,501   | 12,174                          | 7,203                             | 6,141  | 3,810   | 7,732                                   | 2,896  | 7,841   |

## CARGO TONNAGE—COMMODITIES—Concluded

| —                | Oil Cake<br>and<br>Oil-cake<br>Meal | Kerosene | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars and<br>Ties<br>(railway) | Molasses | Box, Crate<br>and<br>Cooperage<br>Materials,<br>wooden | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Aluminum<br>Manufac-<br>tures not<br>otherwise<br>specified | Beverages,<br>alcoholic | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------------------------------------|----------|---|----------|--|--|---|-------------------------|--|--|-----------|
| <i>Foreign—</i>  |                                     |          |   |          |  |  |   |                         |  |  |           |
| Inward—          |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        |                                     |          | 50  | 5,245    | .....  | 5,224  | 537   | 4,145                   | 3,822  | 105,304                                    | 3,446,000 |
| 1959.....        |                                     |          | 1   | 5,373    | 47   | 7,441  | 461   | 4,555                   | 3,041  | 127,677                                    | 3,605,380 |
| Outward—         |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        | 6,288                               | 2,454    | 5,788   | 5        | 5,559  | 109  | 4,880   | 621                     | 649  | 69,968                                     | 2,499,285 |
| 1959.....        | 7,240                               | 7        | 4,323   | 5        | 4,859  | 40   | 1,046   | 1,061                   | 1,071  | 74,089                                     | 2,636,562 |
| <i>Domestic—</i> |                                     |          |   |          |  |  |   |                         |  |  |           |
| Inward—          |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        |                                     |          | 55  | .....    | 5  | 1  | .....   | 20                      | 7  | 3,962                                      | 431,813   |
| 1959.....        |                                     |          | .....   | .....    | .....  | 219  | 24  | 2                       | 11   | 14,159                                     | 290,253   |
| Outward—         |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        |                                     | 3,710    | .....   | 344      | 4  | 111  | 12  | 451                     | 616  | 38,015                                     | 1,606,849 |
| 1959.....        |                                     | 377      | 146   | 419      | 79   | 420  | 27  | 573                     | 546  | 57,671                                     | 1,601,716 |
| <i>Totals—</i>   |                                     |          |   |          |  |  |   |                         |  |  |           |
| Inward—          |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        |                                     |          | 105   | 5,245    | 5  | 5,225  | 537   | 4,165                   | 3,829  | 109,266                                    | 3,877,813 |
| 1959.....        |                                     |          | 1   | 5,373    | 47   | 7,660  | 485   | 4,557                   | 3,052  | 141,836                                    | 3,895,633 |
| Outward—         |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        | 6,288                               | 6,164    | 5,788   | 349      | 5,563  | 220  | 4,892   | 1,072                   | 1,265  | 107,983                                    | 4,106,134 |
| 1959.....        | 7,240                               | 384      | 4,469   | 424      | 4,938  | 460  | 1,073   | 1,634                   | 1,017  | 131,760                                    | 4,238,278 |
| Total—           |                                     |          |   |          |  |  |   |                         |  |  |           |
| 1960.....        | 6,288                               | 6,164    | 5,893   | 5,594    | 5,568  | 5,445  | 5,429   | 5,237                   | 5,094  | 217,249                                    | 7,983,947 |
| 1959.....        | 7,460                               | 384      | 4,470   | 5,797    | 4,985  | 8,120  | 1,558   | 6,191                   | 4,669  | 273,596                                    | 8,133,911 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1960.....         | 25,452 | 4,063    | 29,515 |
| 1959.....         | 34,084 | 5,033    | 39,117 |
| 1958.....         | 36,523 | 5,166    | 41,689 |
| 1957.....         | 64,314 | 8,747    | 73,061 |
| 1956.....         | 48,932 | 7,200    | 56,132 |
| <i>Coastwise—</i> |        |          |        |
| 1960.....         | 528    | 223      | 751    |
| 1959.....         | 385    | 243      | 628    |
| 1958.....         | 451    | 305      | 756    |
| 1957.....         | 326    | 240      | 566    |
| 1956.....         | 355    | 322      | 677    |
| <i>Total—</i>     |        |          |        |
| 1960.....         | 25,980 | 4,286    | 30,266 |
| 1959.....         | 34,469 | 5,276    | 39,745 |
| 1958.....         | 36,974 | 5,471    | 42,445 |
| 1957.....         | 64,640 | 8,987    | 73,627 |
| 1956.....         | 49,287 | 7,522    | 56,809 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1960, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1960.....         | 4,560,608  | 10,443,743 | 15,004,351 |
| 1959.....         | 1,878,576  | 12,869,211 | 14,747,787 |
| 1958.....         | 219,576    | 13,410,698 | 13,630,274 |
| 1957.....         | 11,539,325 | 11,095,089 | 11,095,089 |
| 1956.....         | 137,385    | 19,995,178 | 20,132,563 |
| <i>Via rail—</i>  |            |            |            |
| 1960.....         | 8,094,360  | 2,073,628  | 10,167,988 |
| 1959.....         | 12,320,841 | 1,182,937  | 13,503,778 |
| 1958.....         | 13,192,072 | 100,000    | 13,292,072 |
| 1957.....         | 11,539,325 | .....      | 11,539,325 |
| 1956.....         | 19,494,365 | .....      | 19,494,365 |
| <i>Via other—</i> |            |            |            |
| 1960.....         | .....      | 102,847    | 102,847    |
| 1959.....         | .....      | 13,923     | 13,923     |
| 1958.....         | .....      | 12,210     | 12,210     |
| 1957.....         | .....      | 20,341     | 20,341     |
| 1956.....         | .....      | 28,816     | 28,816     |
| <i>Total—</i>     |            |            |            |
| 1960.....         | 12,654,968 | 12,620,218 | 25,275,186 |
| 1959.....         | 14,199,417 | 14,066,071 | 28,265,488 |
| 1958.....         | 13,411,648 | 13,522,908 | 26,934,556 |
| 1957.....         | 11,539,325 | 11,115,430 | 22,654,755 |
| 1956.....         | 19,631,750 | 20,023,994 | 39,655,744 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$467,726. The main items were repairs to freight elevators at the cold storage plant; reconstruction of roadway near pier "B"; reconstruction of retaining wall, berth 19; reconditioning concrete surface, pier 2 transit shed; replacement of waterside wall, shed 20, and replacement of structural steel at the grain elevator.

## CAPITAL WORKS

Expenditures on capital account amounted to \$360,444, of which \$3,366 was provided from replacement fund and \$357,078 from Board revenues. The principal items were:—

*Replacement of Landside Doors, Shed 21.*—A contract was awarded to Truscon Steel Company of Canada, Limited, in September, 1959, for the supply and erection of 19 vertical lift steel cargo doors. These doors are approximately 19 feet by 10 feet, and are for installation on the landside of shed 21. The work was completed in June, 1960.

*Construction of Central Stores and Workshop Building.*—In June, 1960, a contract was awarded to Blunden Supplies Limited for the construction of a central stores building which would also include space for the electrical and mechanical staffs. The building is of brick, concrete block, and steel construction, and is equipped with its own heating and washroom facilities. The work was approximately 80% completed by the end of 1960.

*Power Shovel Equipment for Marine Leg.*—E. S. Stephenson and Co. Limited was awarded a contract in June, 1960, for the supplying of power shovel equipment for installation at the marine leg. This equipment consisted of 4 power operated shovel winches and drives, etc., controlled by pneumatically operated clutches designed to maintain a constant head of grain over the boot of the marine leg. The equipment was delivered by the end of the year, and is being installed by Board forces.

*Refacing Pier 9.*—A contract was awarded to T. C. Gorman (Nova Scotia) Limited in September, 1960, for the refacing of 700 feet of original pier 9. The work consisted of driving a new steel sheet piling face and the construction of a concrete cope wall. The work was commenced in November and completion is expected early in May, 1961.

*Replacement of Landside Doors, Shed No. 20.*—In September, 1960, a contract was awarded to Truscon Steel Co. of Canada Limited for the replacement of 25 new steel doors on the landside of shed 20. The work was completed by the end of 1960.

*Installation of Sprinkler System, Immigration Quarters.*—Grinnell Company of Canada Limited was awarded a contract in October, 1960, for the installation of an automatic sprinkler system throughout the second floor quarters of shed 21 which are occupied by Canadian Immigration personnel. The actual work on this contract was not commenced until late December, and completion is expected in early summer, 1961.

*Installation of New Steam Boiler, Cold Storage Plant.*—A contract for the supplying and installing of a new steam boiler at the cold storage plant was awarded to Purdy Brothers Limited in October, 1960. This unit is coal-fired stoker operated. The work was partially completed by the end of the year.

*Minor Items.*—These included the acquisition of one truck and one passenger car; installation of a new lighting pole line at pier 9, dry stand-pipe system at the grain elevator, and a fire alarm system at shed 34, and paving areas at Ocean Terminals.

#### INCOME AND EXPENSE

Operating income amounted to \$2,056,895, as compared with \$1,898,760 in 1959, the increase being \$158,135. Operating expenses were \$1,887,424 as compared with \$1,628,924 in 1959. Net operating income was \$169,471 in 1960, as against \$269,836 in the previous year, the decrease being \$100,365.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net loss of \$717,499, as compared with a net loss of \$616,905 in 1959.

# Harbour of Halifax BALANCE SHEET AS AT DECEMBER 31, 1960

## ASSETS

|  |                    |
|--|--------------------|
| <b>CURRENT—</b>  |                    |
| Cash.....  | 110, 118           |
| Accounts Receivable.....   | 248, 424           |
| Inventories of Operating and Maintenance Supplies,<br>at cost.....               | 108, 507           |
| Accrued Income.....  | 182, 978           |
| Prepaid Expenses.....  | 534                |
|  | <b>\$ 650, 561</b> |
| <b>INVESTMENTS IN BONDS—</b><br>(at amortized cost, market value \$698,894)..... | 698, 394           |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                                    | 56, 939            |
| <b>RESERVE FUNDS—</b><br>(Cash \$228,761; bonds, at amortized cost, \$8,154,750) |                    |
| Replacement of Capital Assets.....   | 7, 900, 346        |
| Fire and General Insurance.....  | 483, 165           |
|  | <b>8, 383, 511</b> |
| DEBIT BALANCES IN SPENSE.....  | 2, 700             |
| <b>PRELIMINARY CAPITAL EXPENDITURES.....</b>                                     | <b>5, 323</b>      |

|   |                        |
|---|------------------------|
| <b>CAPITAL ASSETS—</b><br>(at cost or estimated cost) |                        |
| Harbour Dredging.....                                 | 118, 397               |
| Real Estate.....                                      | 623, 144               |
| Roads, Fences and Boundaries.....                     | 329, 276               |
| Sewers and Drains.....                                | 177, 089               |
| Miscellaneous Structures.....                         | 17, 571                |
| Wharves and Piers.....                                | 21, 067, 015           |
| Permanent Sheds.....                                  | 7, 883, 885            |
| Shed Hoists and Electric Cranes.....                  | 310                    |
| Grain Elevator System.....                            | 4, 567, 359            |
| Cold Storage System.....                              | 2, 135, 823            |
| Office Furniture and Appliances.....                  | 39, 063                |
| Harbour Buildings.....                                | 842, 964               |
| Central Heating Plants.....                           | 53, 956                |
| Harbour Shops.....                                    | 29, 813                |
| Electric Power System.....                            | 96, 285                |
| Water Supply System.....                              | 188, 147               |
| Floating Equipment.....                               | 19, 913                |
| Shore Equipment.....                                  | 53, 530                |
| Miscellaneous Small Plant.....                        | 80, 397                |
| Works under Construction.....                         | 205, 289               |
|   | <b>38, 538, 176</b>    |
|   | <b>\$ 48, 335, 604</b> |

## LIABILITIES

|  |                 |
|--|-----------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 216, 225     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 195, 322        |
| CONTRACTORS' HOLDBACKS.....                            | 10, 838         |
| DEFERRED INCOME.....                                   | 25, 239         |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 56, 939         |
|  | <b>504, 563</b> |

**PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—**  
Assets transferred to the Board on its establishment, and subsequently.....\$ 17, 082, 110  
Loans and Advances.....24, 389, 267  
Interest in Arrears on Loans and Advances.....7, 268, 809

**Reserves:**  
Replacement of Capital Assets \$ 9, 870, 365  
Fire and General Insurance.... 483, 165

10, 353, 530

59, 093, 716

**Deduct: Deficit—**  
Balance at Beginning of Year.....10, 538, 913  
Add: Prior Years' Adjustments (Net).....6, 263

Net Loss for the year, per statement of Income and Expense.....717, 499

Balance at End of Year.....11, 262, 675

**\$ 47, 831, 041**

**\$ 48, 335, 604**



# HARBOUR OF HALIFAX

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 53,390         |           |
| Property Rentals..... | 26,153            |           |
| Miscellaneous.....    | 574               |           |
|                       | <u>          </u> | \$ 80,117 |

### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 439,495           |         |
| Dockage.....             | 160,604           |         |
| Wharf Space Rentals..... | 46,397            |         |
| Miscellaneous.....       | 205               |         |
|                          | <u>          </u> | 646,701 |

### Grain Elevator System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Elevation.....     | 201,532           |         |
| Storage.....       | 299,454           |         |
| Miscellaneous..... | 24,723            |         |
|                    | <u>          </u> | 525,709 |

### Cold Storage System—

|                    |                   |         |
|--------------------|-------------------|---------|
| Storage.....       | 283,207           |         |
| Miscellaneous..... | 123,578           |         |
|                    | <u>          </u> | 406,785 |

### Permanent Sheds—

|                    |                   |         |
|--------------------|-------------------|---------|
| Shed Rentals.....  | 123,099           |         |
| Storage.....       | 43,580            |         |
| Miscellaneous..... | 163,561           |         |
|                    | <u>          </u> | 330,240 |

|                             |                   |             |
|-----------------------------|-------------------|-------------|
| Miscellaneous Services..... | 67,343            |             |
|                             | <u>          </u> | \$2,056,895 |

## OPERATING EXPENSES—

### Operation and Maintenance—

|                             |                   |           |
|-----------------------------|-------------------|-----------|
| Harbour.....                | 302,549           |           |
| Wharves and Piers.....      | 72,270            |           |
| Grain Elevator System.....  | 400,770           |           |
| Cold Storage System.....    | 395,475           |           |
| Permanent Sheds.....        | 424,551           |           |
| Miscellaneous Services..... | 85,100            |           |
|                             | <u>          </u> | 1,680,715 |

### Administrative—

|   |                   |                   |
|---|-------------------|-------------------|
| Salaries.....   | 83,223            |                   |
| Contributions to Public Service Superannuation Account..... | 40,437            |                   |
| Office Expenses.....  | 8,504             |                   |
| Miscellaneous.....  | 74,545            |                   |
|   | <u>          </u> | 206,709           |
|   |                   | <u>          </u> |
|   |                   | 1,887,424         |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 169,471 |
|---------------------------|---------|

## Add: OTHER INCOME—

|   |                   |                   |
|---|-------------------|-------------------|
| Income from investments (less \$18,169 transferred to Reserves<br>other than that for Replacement of Capital Assets)..... | 332,653           |                   |
| Miscellaneous.....  | 1,392             |                   |
|   | <u>          </u> | 334,045           |
|   |                   | <u>          </u> |
|   |                   | 503,516           |

## Deduct: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 774,714           |           |
| Provision for Replacement of Capital Assets.....  | 436,731           |           |
| Other.....  | 9,570             |           |
|   | <u>          </u> | 1,221,015 |

|               |            |
|---------------|------------|
| NET LOSS..... | \$ 717,499 |
|---------------|------------|



## HARBOUR OF SAINT JOHN

The harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 14,500 linear feet of berthing, providing 27 deepsea berths and 6 berths for coastal shipping. There are 16 transit sheds, including frost-proof areas in 3 sheds, with an aggregate floor space of about 991,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the harbour, has a storage capacity of 1,576,800 bushels, and is connected to 9 of the berths by over 2 miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 1,588                   | 3,545,617                    |
| 1959.....          | 1,529                   | 2,639,575                    |
| 1958.....          | 1,660                   | 2,507,257                    |
| 1957.....          | 1,589                   | 2,563,574                    |
| 1956.....          | 1,608                   | 2,701,415                    |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 1,580                   | 3,562,421                    |
| 1959.....          | 1,521                   | 2,625,472                    |
| 1958.....          | 1,654                   | 2,498,558                    |
| 1957.....          | 1,664                   | 2,584,219                    |
| 1956.....          | 1,595                   | 2,660,661                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960              |                        | 1959              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 569               | 2,262,602              | 488               | 1,670,448              |
| Coastal or inland commercial (including fishery)..... | 968               | 1,249,129              | 987               | 931,195                |
| Other.....  | 51                | 33,886                 | 54                | 37,932                 |
| Total.....  | 1,588             | 3,545,617              | 1,529             | 2,639,575              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 582               | 2,309,198              | 485               | 1,681,452              |
| Coastal or inland commercial (including fishery)..... | 950               | 1,220,181              | 982               | 906,398                |
| Other.....  | 48                | 33,042                 | 54                | 37,622                 |
| Total.....  | 1,580             | 3,562,421              | 1,521             | 2,625,472              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1960.....        | 2,504,092 | 1,137,258 | 3,641,350 |
| 1959.....        | 983,662   | 1,104,189 | 2,087,851 |
| 1958.....        | 858,482   | 1,147,450 | 2,005,932 |
| 1957.....        | 787,811   | 1,318,515 | 2,106,326 |
| 1956.....        | 935,276   | 1,614,493 | 2,549,769 |
| <i>Domestic—</i> |           |           |           |
| 1960.....        | 435,262   | 827,121   | 1,262,383 |
| 1959.....        | 432,367   | 127,796   | 560,163   |
| 1958.....        | 400,648   | 138,634   | 539,282   |
| 1957.....        | 425,600   | 136,937   | 562,537   |
| 1956.....        | 360,582   | 146,900   | 507,482   |
| <i>Total—</i>    |           |           |           |
| 1960.....        | 2,939,354 | 1,964,379 | 4,903,733 |
| 1959.....        | 1,416,029 | 1,231,985 | 2,648,014 |
| 1958.....        | 1,259,130 | 1,286,084 | 2,545,214 |
| 1957.....        | 1,213,411 | 1,455,452 | 2,668,863 |
| 1956.....        | 1,295,858 | 1,761,393 | 3,057,251 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil,<br>crude | Petroleum<br>Oil,<br>fuel | Grain   | Gasoline | Motor<br>Vehicles<br>and Parts | Sugar,<br>raw | Flour,<br>wheat | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets,<br>or slabs | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Lumber<br>(Planks,<br>Flooring)<br>and<br>Square<br>Timber | Potatoes |
|------------------|----------------------------|---------------------------|---------|----------|--------------------------------|---------------|-----------------|--|--|--|----------|
| <i>Foreign—</i>  |                            |                           |         |          |                                |               |                 |  |  |  |          |
| Inward—          |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | 1,529,477                  | 119,017                   | 17      | 21,893   | 288,280                        | 244,918       | 4               | 592  | 52,840   | 3,709  | .....    |
| 1959.....        | .....                      | 258,445                   | 61      | 61,796   | 173,412                        | 215,821       | 1,470           | 474  | 24,959   | 1,407  | .....    |
| Outward—         |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | .....                      | 31                        | 474,926 | .....    | 14,206                         | .....         | 99,173          | 58,257   | 2,713  | 49,846   | 49,781   |
| 1959.....        | .....                      | .....                     | 550,033 | .....    | 7,433                          | .....         | 99,356          | 24,324   | 5,399  | 29,909   | 44,447   |
| <i>Domestic—</i> |                            |                           |         |          |                                |               |                 |  |  |  |          |
| Inward—          |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | .....                      | 260,584                   | 60      | 135,924  | 21                             | .....         | 3,868           | 701  | 442  | 170  | .....    |
| 1959.....        | .....                      | 266,714                   | 20      | 128,045  | 95                             | .....         | 886             | .....  | .....  | 5,035  | .....    |
| Outward—         |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | .....                      | 528,517                   | 388     | 236,225  | 233                            | .....         | 884             | .....  | 313  | 1,070  | 41       |
| 1959.....        | .....                      | 42,525                    | 746     | 24,809   | 257                            | .....         | 1,068           | .....  | 126  | 1,086  | .....    |
| <i>Totals—</i>   |                            |                           |         |          |                                |               |                 |  |  |  |          |
| Inward—          |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | 1,529,477                  | 379,601                   | 77      | 157,817  | 288,301                        | 244,918       | 3,872           | 1,293  | 53,282   | 3,879  | .....    |
| 1959.....        | .....                      | 525,159                   | 81      | 189,841  | 173,507                        | 215,821       | 2,356           | 474  | 24,959   | 6,442  | .....    |
| Outward—         |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | .....                      | 528,548                   | 475,314 | 236,225  | 14,439                         | .....         | 100,057         | 58,257   | 3,026  | 50,916   | 49,822   |
| 1959.....        | .....                      | 42,525                    | 550,779 | 24,809   | 7,690                          | .....         | 100,424         | 24,324   | 5,525  | 30,995   | 44,447   |
| Total—           |                            |                           |         |          |                                |               |                 |  |  |  |          |
| 1960.....        | 1,529,477                  | 908,149                   | 475,391 | 394,042  | 302,740                        | 244,918       | 103,929         | 59,550   | 56,308   | 54,795   | 49,822   |
| 1959.....        | .....                      | 567,684                   | 550,860 | 214,650  | 181,197                        | 215,821       | 102,780         | 24,798   | 30,484   | 37,437   | 44,447   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Oil Cake<br>and<br>Oil-cake<br>Meal | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Paper,<br>newsprint | Fertilizers<br>and<br>Fertilizer<br>Materials | Rubber,<br>crude<br>(including<br>Latex) | Glass<br>and<br>Glass<br>Manu-<br>factures | Molasses | Food-<br>stuffs,<br>canned<br>or<br>preserved,<br>not<br>otherwise<br>specified | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Pulpboard<br>(except<br>Wallboard) | Wood-pulp |
|------------------|-------------------------------------|--|---------------------|---|--|--|----------|---|---|------------------------------------|-----------|
| <i>Foreign—</i>  |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| Inward—          |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        |                                     |  |                     | 36,077  | 151                                      | 23,588                                     | 20,986   | 3,023   | 14,466  | 29                                 | .....     |
| 1959.....        |                                     |  |                     | 24,139  | 48                                       | 28,872                                     | 16,354   | 4,044   | 14,647  | 3                                  | .....     |
| Outward—         |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        | 46,092                              | 41,390   | 41,092              | 16  | 24,417                                   | 266  | .....    | 10,839  | 5,525   | 18,100                             | 18,295    |
| 1959.....        | 36,914                              | 29,297   | 95,103              | 44  | 16,006                                   | 92   | 1        | 651   | 6,453   | 7,903                              | 16,987    |
| <i>Domestic—</i> |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| Inward—          |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        |                                     |  |                     | .....   | 4,538                                    | 97   | .....    | 6,289   | 103   | 29                                 | .....     |
| 1959.....        |                                     |  |                     | 106   | 3,504                                    | .....                                      | .....    | 5,590   | 791   | 13                                 | .....     |
| Outward—         |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        | 1,930                               |  |                     | 92  | .....                                    | 831  | 461      | 1,124   | 196   | 219                                | 34        |
| 1959.....        | 2,019                               |  |                     | 324   | .....                                    | 1,169                                      | 621      | 905   | 187   | 117                                | 23        |
| <i>Totals—</i>   |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| Inward—          |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        |                                     |  |                     | 36,077  | 4,689                                    | 23,685                                     | 20,986   | 9,312   | 14,569  | 58                                 | .....     |
| 1959.....        |                                     |  |                     | 24,245  | 3,552                                    | 28,872                                     | 16,354   | 9,634   | 15,438  | 16                                 | .....     |
| Outward—         |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        | 48,022                              | 41,390   | 41,092              | 108   | 24,417                                   | 1,097                                      | 461      | 11,963  | 5,721   | 18,319                             | 18,329    |
| 1959.....        | 38,933                              | 29,297   | 95,103              | 368   | 16,006                                   | 1,261                                      | 622      | 1,556   | 6,640   | 8,020                              | 17,010    |
| Total—           |                                     |  |                     |   |  |  |          |   |   |                                    |           |
| 1960.....        | 48,022                              | 41,390   | 41,092              | 36,185  | 29,106                                   | 24,782                                     | 21,447   | 21,275  | 20,290  | 18,377                             | 18,329    |
| 1959.....        | 38,933                              | 29,297   | 95,103              | 24,613  | 19,558                                   | 30,133                                     | 10,976   | 11,190  | 22,078  | 8,036                              | 17,010    |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Jute and<br>Jute<br>Manu-<br>factures | Chemicals<br>and<br>otherwise<br>specified | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Paper not<br>otherwise<br>specified | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Beverages,<br>alcoholic |
|------------------|---------------------------------------|--|--|--|-------------------------------------|---|---|---|--|--|-------------------------|
| <i>Foreign—</i>  |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| Inward—          |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 15,918                                | 5,742                                      | 117  | 85   | 3,010                               | 107   | 101   | .....   | 2,088  | 6,240  | 5,658                   |
| 1959.....        | 12,061                                | 7,815                                      | 124  | 179  | 2,276                               | 287   | 230   | 69  | 2,258  | 6,377  | 8,389                   |
| Outward—         |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 4                                     | 8,314                                      | 13,864   | 12,467   | 8,426                               | 11,551  | 11,409  | 3,557   | 7,685  | 2,316  | 1,314                   |
| 1959.....        | 14                                    | 2,209                                      | 9,036  | 12,204   | 6,463                               | 1,293   | 8,592   | 90  | 1,608  | 1,128  | 739                     |
| <i>Domestic—</i> |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| Inward—          |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 201                                   | 88   | .....  | .....  | 11                                  | .....   | .....   | .....   | 8  | .....  | 508                     |
| 1959.....        | 519                                   | 115  | .....  | .....  | 473                                 | .....   | 10  | .....   | 1  | .....  | 976                     |
| Outward—         |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 40                                    | 529  | 72   | 34   | 620                                 | 39  | 50  | 7,913   | 28   | 473  | 1,372                   |
| 1959.....        | .....                                 | 599  | 66   | 20   | 1,275                               | 85  | .....   | 5,622   | 8  | 339  | 1,444                   |
| <i>Totals—</i>   |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| Inward—          |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 16,119                                | 5,830                                      | 117  | 85   | 3,021                               | 107   | 101   | .....   | 2,096  | 6,240  | 6,166                   |
| 1959.....        | 12,580                                | 7,930                                      | 124  | 179  | 2,749                               | 287   | 240   | 69  | 2,259  | 6,377  | 9,365                   |
| Outward—         |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 44                                    | 8,843                                      | 13,936   | 12,501   | 9,046                               | 11,590  | 11,459  | 11,470  | 7,713  | 2,789  | 2,686                   |
| 1959.....        | 14                                    | 2,808                                      | 9,102  | 12,224   | 7,738                               | 1,378   | 8,592   | 5,712   | 1,616  | 1,467  | 2,183                   |
| Total—           |                                       |  |  |  |                                     |   |   |   |  |  |                         |
| 1960.....        | 16,163                                | 14,673                                     | 14,053   | 12,586   | 12,067                              | 11,697  | 11,560  | 11,470  | 9,809  | 9,029  | 8,852                   |
| 1959.....        | 12,594                                | 10,738                                     | 9,226  | 12,403   | 10,487                              | 1,665   | 8,832   | 5,781   | 3,875  | 7,844  | 11,548                  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Electrical<br>Goods<br>not<br>otherwise<br>specified | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars,<br>and Ties<br>(railway) | Fruit<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Meats,<br>canned,<br>cured,<br>prepared or<br>preserved | Copper<br>Concen-<br>trates,<br>Matte<br>and Ore | Iron<br>or Steel,<br>in billets,<br>blooms,<br>ingots,<br>pigs,<br>sheet bars<br>or slabs | Tea   | Ferro-<br>alloys | Cotton<br>Manu-<br>factures not<br>otherwise<br>specified | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|--|--|---|---|--|---|-------|------------------|---|---|-----------|
| <i>Foreign—</i>  |  |  |   |   |  |   |       |                  |   |   |           |
| Inward—          |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 5,398  | .....  | 5,285   | 4,088   | 226  | 6,363   | 5,933 | 61               | 3,476   | 75,129  | 2,504,092 |
| 1959.....        | 5,508  | .....  | 8,855   | 3,517   | .....  | 1,407   | 6,309 | 38               | 3,443   | 101,426                                       | 983,662   |
| Outward—         |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 2,292  | 7,732  | 368   | 2,808   | 6,789  | 83  | ..... | 6,282            | 1,125   | 73,907  | 1,137,258 |
| 1959.....        | 6,063  | 8,926  | 2,749   | 3,365   | 224  | 1,124   | 1     | 3,059            | 972   | 76,978  | 1,104,189 |
| <i>Domestic—</i> |  |  |   |   |  |   |       |                  |   |   |           |
| Inward—          |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 33   | .....  | 631   | 126   | 24   | .....   | ..... | .....            | 1,512   | 19,294  | 435,262   |
| 1959.....        | .....  | .....  | 944   | .....   | .....  | 61  | ..... | .....            | 1,487   | 18,138  | 432,367   |
| Outward—         |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 149  | 135  | 1,025   | 180   | .....  | .....   | 512   | 30               | 233   | 41,129  | 827,121   |
| 1959.....        | 128  | 7  | 728   | 281   | .....  | .....   | 569   | 151              | 484   | 36,903  | 127,796   |
| <i>Totals—</i>   |  |  |   |   |  |   |       |                  |   |   |           |
| Inward—          |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 5,431  | .....  | 5,916   | 4,214   | 250  | 6,363   | 5,933 | 61               | 4,988   | 94,423  | 2,939,354 |
| 1959.....        | 5,508  | .....  | 9,799   | 3,517   | .....  | 1,468   | 6,309 | 38               | 4,930   | 119,564                                       | 1,416,029 |
| Outward—         |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 2,441  | 7,867  | 1,393   | 2,988   | 6,789  | 83  | 512   | 6,312            | 1,358   | 115,036                                       | 1,964,379 |
| 1959.....        | 6,191  | 8,933  | 3,477   | 3,646   | 224  | 1,124   | 570   | 3,210            | 1,456   | 113,881                                       | 1,231,985 |
| <i>Total—</i>    |  |  |   |   |  |   |       |                  |   |   |           |
| 1960.....        | 7,872  | 7,867  | 7,309   | 7,202   | 7,039  | 6,446   | 6,445 | 6,373            | 6,346   | 209,459                                       | 4,903,733 |
| 1959.....        | 11,699   | 8,933  | 13,276  | 7,163   | 224  | 2,592   | 6,879 | 3,248            | 6,386   | 233,455                                       | 2,648,014 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1960.....         | 708    | 722      | 1,430   |
| 1959.....         | 1,606  | 1,273    | 2,879   |
| 1958.....         | 2,375  | 1,980    | 4,355   |
| 1957.....         | 10,181 | 2,435    | 12,616  |
| 1956.....         | 5,153  | 2,143    | 7,296   |
| <i>Coastwise—</i> |        |          |         |
| 1960.....         | 47,527 | 47,391   | 94,918  |
| 1959.....         | 48,588 | 46,422   | 95,010  |
| 1958.....         | 49,954 | 50,624   | 100,578 |
| 1957.....         | 53,421 | 53,073   | 106,494 |
| 1956.....         | 53,572 | 52,752   | 106,324 |
| <i>Total—</i>     |        |          |         |
| 1960.....         | 48,235 | 48,113   | 96,348  |
| 1959.....         | 50,194 | 47,695   | 97,889  |
| 1958.....         | 52,329 | 52,604   | 104,933 |
| 1957.....         | 63,602 | 55,508   | 119,110 |
| 1956.....         | 58,725 | 54,895   | 113,620 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1960, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1960.....         |            | 14,478,924 | 14,478,924 |
| 1959.....         |            | 18,433,241 | 18,433,241 |
| 1958.....         |            | 18,959,644 | 18,959,644 |
| 1957.....         |            | 16,096,593 | 16,096,593 |
| 1956.....         |            | 28,649,717 | 28,649,717 |
| <i>Via rail—</i>  |            |            |            |
| 1960.....         | 14,789,871 |            | 14,789,871 |
| 1959.....         | 18,835,396 |            | 18,835,396 |
| 1958.....         | 18,457,035 |            | 18,457,035 |
| 1957.....         | 16,514,916 |            | 16,514,916 |
| 1956.....         | 28,120,579 |            | 28,120,579 |
| <i>Via other—</i> |            |            |            |
| 1960.....         |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1960.....         | 14,789,871 | 14,478,924 | 29,268,795 |
| 1959.....         | 18,835,396 | 18,433,241 | 37,268,637 |
| 1958.....         | 18,457,035 | 18,959,644 | 37,416,679 |
| 1957.....         | 16,514,916 | 16,096,593 | 32,611,509 |
| 1956.....         | 28,120,579 | 28,649,717 | 56,770,296 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$360,684. The principal items were dredging all berths to their required depths; repairing timber trestle at piers 5, 6, and 7, vertical fenders, Broad Street wharf, travelling gantry at shed 12, and concrete pavement; renewing timber decking apron at berth 13, portion of roof on shed 10, and grain elevator sash; repairing and renewing shed doors; painting exterior of sheds 1, 2, 3, and Pugsley Terminals, interior of shed 12, and grain galleries 105, 106, 107, 108, and 109.

## CAPITAL WORKS

Expenditures on capital account amounted to \$277,734, of which \$4,620 was provided from replacement fund and \$273,114 from revenues. The principal items were:—

*Installation of Partial Dust Control System in Grain Elevator.*—The Day Company of Canada Ltd. was awarded a contract in April, 1960, for the supply and installation of a partial dust control system in elevator "H". This contract, which is a continuation of the work started in 1958, was completed by the end of the year.

*Installation of a Drainage System.*—The installation of a drainage system at the rear of sheds 2 and 3 was designed to improve flooding conditions which occurred during the spring. The work, which was completed during the year, was carried out by the Board's forces.

*Filling and Grading Parking Lots.*—The work of constructing a parking lot was undertaken by the Board's forces and Fowler's Paving Ltd. This improvement provides for off-the-dock parking for 1200 port workers and storage capacity for approximately 3500 import vehicles. The construction of this parking area will provide better traffic control, especially in the dock areas and along the roadways.

*Construction of Railway Trestle to Service Apron of Pugsley Terminals.*—The Canadian National Railway, as a joint project with the Board, constructed a railway trestle to service the apron of Pugsley Terminals. The entire 1800 feet of Pugsley Terminals apron is now serviced with 2 tracks.

*Minor Items.*—These consisted of the purchase of a portable air compressor, and a patrol car for the harbour police.

## INCOME AND EXPENSE

Operating income amounted to \$973,481, as compared with \$824,496 in 1959, while operating expenses totalled \$959,037, as against \$869,110 in the previous year. Net operating income was \$14,444 in 1960 as compared with an operating deficit of \$44,614 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$1,031,106 in 1960 as against a net loss of \$1,091,428 in 1959.



## Harbour of Saint John

## BALANCE SHEET AS AT DECEMBER 31, 1960

## ASSETS

| CURRENT—   |                   |
|--|-------------------|
| Cash.....  | \$ 71,351         |
| Accounts Receivable.....   | 95,274            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 38,642            |
| Accrued Income.....  | 42,094            |
| Prepaid Expenses.....  | 1,041             |
|  | <u>\$ 248,402</u> |

## CONTRACTORS' SECURITY AND OTHER DEPOSITS.....

23,404

## RESERVE FUNDS—

(Cash, \$131,658; bonds, at amortized cost, \$5,686,206)

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | 5,370,807        |
| Fire and General Insurance.....    | 447,057          |
|                                    | <u>5,817,864</u> |

## PRELIMINARY CAPITAL EXPENDITURES.....

2,739

## CAPITAL ASSETS—

(At cost or estimated cost)

|                                      |                   |
|--------------------------------------|-------------------|
| Harbour Dredging.....                | 1,229,568         |
| Real Estate.....                     | 2,036,780         |
| Vehicular Bridges.....               | 30,107            |
| Roads, Fences and Boundaries.....    | 187,019           |
| Wharves and Piers.....               | 21,197,027        |
| Permanent Sheds.....                 | 4,917,631         |
| Railway System.....                  | 192,661           |
| Grain Elevator System.....           | 4,579,207         |
| Office Furniture and Appliances..... | 25,139            |
| Harbour Buildings.....               | 113,956           |
| Central Heating Plants.....          | 19,280            |
| Water Supply System.....             | 15,289            |
| Floating Equipment.....              | 163,094           |
| Shore Equipment.....                 | 186,401           |
| Miscellaneous Small Plant.....       | 23,084            |
| Works Under Construction.....        | 166,876           |
|                                      | <u>35,083,139</u> |

\$ 41,175,548

## LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 164,238     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 148,446        |
| DEFERRED INCOME.....                                   | 20,946         |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 23,404         |
|  | <u>357,024</u> |

## PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|   |              |
|---|--------------|
| Assets transferred to the Board on its establishment, and subsequently..... | \$ 6,965,941 |
| Loans and Advances.....   | 27,678,910   |
| Interest in Arrears on Loans and Advances.....                              | 12,342,827   |

## Reserves:

|  |                   |
|--|-------------------|
| Replacement of Capital Assets \$ 9,736,240 |                   |
| Fire and General Insurance.....            | 447,057           |
|  | <u>10,183,297</u> |
|  | <u>57,170,975</u> |

## Deduct: Deficit—

|  |            |
|--|------------|
| Balance at Beginning of Year.....        | 15,358,495 |
| Less: Prior Years Adjustments (Net)..... | 37,150     |

|   |           |
|---|-----------|
| Add: Net Loss for the year, per statement of<br>Income and Expense..... | 1,031,106 |
|---|-----------|

Balance at End of Year.....\$ 16,352,451

\$ 40,818,524

\$ 41,175,548

# HARBOUR OF SAINT JOHN

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

### OPERATING INCOME—

#### Harbour—

|                       |           |           |
|-----------------------|-----------|-----------|
| Harbour Dues.....     | \$ 30,777 |           |
| Property Rentals..... | 41,135    |           |
| Miscellaneous.....    | 2,480     |           |
|                       |           | \$ 74,392 |

#### Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 508,123 |         |
| Dockage.....             | 154,036 |         |
| Wharf Space Rentals..... | 51      |         |
| Miscellaneous.....       | 619     |         |
|                          |         | 662,829 |

#### Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 61,855 |
|--------------|--|--------|

#### Permanent Sheds—

|                    |        |        |
|--------------------|--------|--------|
| Shed Rentals.....  | 34,047 |        |
| Storage.....       | 39,236 |        |
| Miscellaneous..... | 45     |        |
|                    |        | 73,328 |

|                     |  |    |
|---------------------|--|----|
| Railway System..... |  | 18 |
|---------------------|--|----|

|                             |         |            |
|-----------------------------|---------|------------|
| Miscellaneous Services..... | 101,059 |            |
|                             |         | \$ 973,481 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|   |         |         |
|---|---------|---------|
| Harbour (including \$164,890 for dredging)..... | 389,229 |         |
| Wharves and Piers.....                          | 104,863 |         |
| Grain Elevator System.....                      | 24,559  |         |
| Permanent Sheds.....                            | 190,778 |         |
| Miscellaneous Services.....                     | 123,612 |         |
|   |         | 833,041 |

#### Administrative—

|  |        |         |
|--|--------|---------|
| Salaries.....  | 62,733 |         |
| Contributions to Public Service Superannuation Account.... | 21,641 |         |
| Office Expenses.....                                       | 4,347  |         |
| Miscellaneous.....   | 37,275 |         |
|  |        | 125,996 |

959,037

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 14,444 |
|---------------------------|--|--------|

### Add: OTHER INCOME—

|  |         |         |
|--|---------|---------|
| Income from Investments (less \$16,660 transferred to Reserves other than that for Replacement of Capital Assets)..... | 198,118 |         |
| Miscellaneous.....   | 1,926   |         |
|  |         | 200,044 |
|  |         | 214,488 |

### Deduct: SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 824,484 |           |
| Provision for Replacement of Capital Assets.....  | 419,171 |           |
| Other.....  | 1,939   |           |
|   |         | 1,245,594 |

|               |  |             |
|---------------|--|-------------|
| NET LOSS..... |  | \$1,031,106 |
|---------------|--|-------------|

## HARBOUR OF CHICOUTIMI

The harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing 5 berths from ships of 26-foot draft and 1 berth for coastal vessels; one open mooring berth with a draft of 18 feet for oil tankers; a concrete transit shed 400 feet by 60 feet; a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 169                     | 192,195                      |
| 1959.....          | 207                     | 225,527                      |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 169                     | 192,195                      |
| 1959.....          | 207                     | 225,527                      |
| 1958.....          | 193                     | 184,740                      |
| 1957.....          | 206                     | 200,349                      |
| 1956.....          | 246                     | 219,313                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960                    |                              | 1959                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 9                       | 21,824                       | 20                      | 44,689                       |
| Coastal or inland commercial (including fishery)..... | 154                     | 168,781                      | 181                     | 179,352                      |
| Other.....  | 6                       | 1,590                        | 6                       | 1,486                        |
| Total.....  | 169                     | 192,195                      | 207                     | 225,527                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 9                       | 21,824                       | 20                      | 44,689                       |
| Coastal or inland commercial (including fishery)..... | 154                     | 168,781                      | 181                     | 179,352                      |
| Other.....  | 6                       | 1,590                        | 6                       | 1,486                        |
| Total.....  | 169                     | 192,195                      | 207                     | 225,527                      |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1960.....        | 8,718   | 1,510   | 10,228  |
| 1959.....        | 41,783  | 1,532   | 43,315  |
| 1958.....        | 23,490  | 3,715   | 27,205  |
| 1957.....        | 56,534  | 3,469   | 60,003  |
| 1956.....        | 96,385  | 1,960   | 98,345  |
| <i>Domestic—</i> |         |         |         |
| 1960.....        | 307,023 | 4,474   | 311,497 |
| 1959.....        | 339,961 | 10,920  | 350,881 |
| 1958.....        | 285,587 | 3,356   | 288,943 |
| 1957.....        | 289,027 | 5,383   | 294,410 |
| 1956.....        | 277,999 | 8,435   | 286,434 |
| <i>Total—</i>    |         |         |         |
| 1960.....        | 315,741 | 5,984   | 321,725 |
| 1959.....        | 381,744 | 12,452  | 394,196 |
| 1958.....        | 309,077 | 7,071   | 316,148 |
| 1957.....        | 345,561 | 8,852   | 354,413 |
| 1956.....        | 374,384 | 10,395  | 384,779 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  |  | Petroleum<br>Oil, fuel | Gasoline | Coal,<br>bituminous | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Wood<br>unmanu-<br>factured<br>not<br>otherwise<br>specified | Wallboard | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|--|------------------------|----------|---------------------|---|--|-----------|---|--|---------|
| <i>Foreign—</i>  |  |                        |          |                     |   |  |           |   |  |         |
| Inward—          |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  |                        |          | 8,718               |   |  |           |   |  | 8,718   |
| 1959.....        |  | 26,849                 |          | 4,914               |   |  |           |   | 10,020                                     | 41,783  |
| Outward—         |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  |                        |          |                     |   | 1,510  |           |   |  | 1,510   |
| 1959.....        |  |                        |          |                     |   | 1,532  |           |   |  | 1,532   |
| <i>Domestic—</i> |  |                        |          |                     |   |  |           |   |  |         |
| Inward—          |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  | 162,581                | 126,178  | 10,504              |   |  | 1,028     | 777   | 5,955                                      | 307,023 |
| 1959.....        |  | 191,106                | 122,789  | 16,033              | 29  |  | 1,696     | 1,223   | 7,085                                      | 339,961 |
| Outward—         |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  |                        |          |                     | 3,844   |  | 6         |   | 624  | 4,474   |
| 1959.....        |  | 3,014                  |          |                     | 7,739   |  |           |   | 167  | 10,920  |
| <i>Totals—</i>   |  |                        |          |                     |   |  |           |   |  |         |
| Inward—          |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  | 162,581                | 126,178  | 19,222              |   |  | 1,208     | 777   | 5,955                                      | 315,741 |
| 1959.....        |  | 217,955                | 122,789  | 20,947              | 29  |  | 1,696     | 1,223   | 17,105                                     | 381,744 |
| Outward—         |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  |                        |          |                     | 3,844   | 1,510  |           |   | 624  | 5,984   |
| 1959.....        |  | 3,014                  |          |                     | 7,739   | 1,532  | 6         |   | 167  | 12,452  |
| Total—           |  |                        |          |                     |   |  |           |   |  |         |
| 1960.....        |  | 162,581                | 126,178  | 19,222              | 3,844   | 1,510  | 1,034     | 777   | 6,579                                      | 321,725 |
| 1959.....        |  | 220,969                | 122,789  | 20,947              | 7,768   | 1,532  | 1,696     | 1,223   | 17,272                                     | 394,196 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1960.....         |        |          |       |
| 1959.....         |        |          |       |
| 1958.....         |        |          |       |
| 1957.....         |        |          |       |
| 1956.....         |        |          |       |
|                   | NONE   |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1960.....         | 3,212  | 3,223    | 6,435 |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |
| <i>Total—</i>     |        |          |       |
| 1960.....         | 3,212  | 3,223    | 6,435 |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| 1956.....         | 2,837  | 2,837    | 5,674 |

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$18,819. The principal items were general repairs to wharves, piers, roads, lighting and railway system.

## INCOME AND EXPENSE

Operating income amounted to \$120,428, as compared with \$118,420 in 1959. Operating expenses were \$44,608, the corresponding figure in 1959 being \$41,584. Net operating income was \$75,820, as compared with \$76,836 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$37,991, as compared with a net loss of \$31,493 in 1959.

# Harbour of Chicoutimi BALANCE SHEET AS AT DECEMBER 31, 1960

## ASSETS

|  |                   |              |
|--|-------------------|--------------|
| <b>CURRENT—</b>  |                   |              |
| Cash.....  | \$ 190,565        |              |
| Accounts Receivable.....   | 2,477             |              |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 4,881             |              |
|  | <u>\$ 197,923</u> |              |
| <b>RESERVE FUNDS—</b>  |                   |              |
| (Cash, \$20,261; bonds, at amortized cost, \$868,259)              |                   |              |
| Replacement of Capital Assets.....                                 | 861,832           |              |
| Fire and General Insurance.....                                    | 26,688            |              |
|  | <u>888,520</u>    |              |
| <b>CAPITAL ASSETS—</b>   |                   |              |
| (At cost or estimated cost)  |                   |              |
| Harbour Dredging.....  | 445,828           |              |
| Real Estate.....   | 35,626            |              |
| Roads, Fences and Boundaries.....                                  | 115,906           |              |
| Sewers and Drains.....   | 165,653           |              |
| Wharves and Piers.....   | 3,008,032         |              |
| Permanent Sheds.....   | 124,083           |              |
| Railway System.....  | 38,599            |              |
| Office Furniture and Appliances.....                               | 4,130             |              |
| Electric Power System.....   | 4,561             |              |
| Water Supply System.....   | 16,768            |              |
| Floating Equipment.....  | 3,266             |              |
| Shore Equipment.....   | 988               |              |
| Miscellaneous Small Plant.....                                     | 1,215             |              |
| Engineering—General Surveys.....                                   | 9,995             |              |
|  | <u>3,974,650</u>  |              |
|  |                   | \$ 5,061,093 |

## LIABILITIES

|  |                     |
|--|---------------------|
| ACCOUNTS PAYABLE—GENERAL.....  | \$ 925              |
| DEFERRED INCOME.....   | 8,844               |
|  | <u>9,769</u>        |
| <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>                           |                     |
| Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$ 459,398          |
| Loans and Advances.....  | 3,830,286           |
| Interest in Arrears on Loans and Advances.....                                   | 2,842,312           |
|  | <u>7,131,996</u>    |
| <b>Reserves:</b>   |                     |
| Replacement of Capital Assets. \$ 1,008,202                                      |                     |
| Fire and General Insurance. .... 26,688  |                     |
|  | <u>1,034,890</u>    |
|  | 8,166,886           |
| <b>Deduct: Deficit—</b>  |                     |
| Balance at Beginning of Year.....  | 3,077,571           |
| Add: Net Loss for the year, per statement of<br>Income and Expense.....          | 37,991              |
|  | <u>3,115,562</u>    |
| Balance at End of Year.....  | 5,051,324           |
|  | <u>\$ 5,061,093</u> |

## HARBOUR OF CHICOUTIMI

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

## Harbour—

|                       |                   |          |
|-----------------------|-------------------|----------|
| Harbour Dues.....     | \$ 932            |          |
| Property Rentals..... | 240               |          |
| Miscellaneous.....    | 289               |          |
|                       | <u>          </u> | \$ 1,461 |

## Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 42,454            |         |
| Dockage.....             | 5,308             |         |
| Wharf Space Rentals..... | 64,732            |         |
| Miscellaneous.....       | 10                |         |
|                          | <u>          </u> | 112,504 |

## Permanent Sheds—

|                   |                   |       |
|-------------------|-------------------|-------|
| Shed Rentals..... | 1,000             |       |
| Storage.....      | 4,562             |       |
|                   | <u>          </u> | 5,562 |

|                             |                   |           |
|-----------------------------|-------------------|-----------|
| Miscellaneous Services..... | 901               |           |
|                             | <u>          </u> | \$120,428 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                             |                   |        |
|-----------------------------|-------------------|--------|
| Harbour.....                | 6,494             |        |
| Wharves and Piers.....      | 18,939            |        |
| Permanent Sheds.....        | 1,788             |        |
| Miscellaneous Services..... | 1,520             |        |
|                             | <u>          </u> | 28,741 |

## Administrative—

|   |                   |                   |
|---|-------------------|-------------------|
| Salaries.....   | 10,234            |                   |
| Contributions to Public Service Superannuation Account..... | 1,505             |                   |
| Office Expenses.....  | 1,318             |                   |
| Miscellaneous.....  | 2,810             |                   |
|   | <u>          </u> | 15,867            |
|   |                   | <u>          </u> |
|   |                   | 44,608            |

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 75,820 |
|---------------------------|--|--------|

## ADD: OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$1,053 transferred to Reserves other than that for Replacement of Capital Assets)..... | 32,002            |         |
|   | <u>          </u> | 107,822 |

## DEDUCT: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 105,676           |         |
| Provision for Replacement of Capital Assets.....  | 39,871            |         |
| Other.....  | 266               |         |
|   | <u>          </u> | 145,813 |

|               |  |           |
|---------------|--|-----------|
| NET LOSS..... |  | \$ 37,991 |
|---------------|--|-----------|



## HARBOUR OF QUEBEC

The harbour of Québec is situated on the St. Lawrence River about 160 miles below Montreal. It is open to all ocean navigation for about 8 months in the year and to coastal and limited ocean navigation the year round. The facilities operated by the National Harbours Board include 20,900 linear feet of berthing providing 28 deepsea berths and 14 berths for coastal shipping. There are 8 transit sheds with a total floor area of about 658,000 square feet; 23 miles of standard gauge terminal railway, connected with both Canadian railways; a grain elevator with a capacity of 6,000,000 bushels and 2,000 linear feet of shipping galleries, with a shipping capacity of 90,000 bushels per hour; 4 marine towers for unloading boats; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75-tons capacity, and 3 locomotive cranes with a capacity up to 38 tons.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 4,452                   | 7,747,613                    |
| 1959.....          | 4,315                   | 7,681,873                    |
| 1958.....          | 4,474                   | 6,781,925                    |
| 1957.....          | 4,537                   | 6,884,587                    |
| 1956.....          | 4,751                   | 6,588,040                    |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 4,447                   | 7,750,642                    |
| 1959.....          | 4,327                   | 7,686,298                    |
| 1958.....          | 4,479                   | 6,776,217                    |
| 1957.....          | 4,527                   | 6,890,020                    |
| 1956.....          | 4,741                   | 6,578,618                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960              |                        | 1959              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 998               | 5,091,123              | 1,002             | 5,229,538              |
| Coastal or inland commercial (including fishery)..... | 3,249             | 2,528,235              | 3,093             | 2,314,480              |
| Other.....  | 205               | 128,255                | 220               | 137,855                |
| Total.....  | 4,452             | 7,747,613              | 4,315             | 7,681,873              |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 998               | 5,093,686              | 1,001             | 5,225,818              |
| Coastal or inland commercial (including fishery)..... | 3,250             | 2,534,653              | 3,092             | 2,312,995              |
| Other.....  | 199               | 122,303                | 234               | 147,485                |
| Total.....  | 4,447             | 7,750,642              | 4,327             | 7,686,298              |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1960.....        | 783,315   | 902,938   | 1,686,253 |
| 1959.....        | 679,016   | 898,675   | 1,577,691 |
| 1958.....        | 189,222   | 847,723   | 1,036,945 |
| 1957.....        | 90,636    | 814,425   | 905,061   |
| 1956.....        | 221,161   | 1,040,696 | 1,261,857 |
| <i>Domestic—</i> |           |           |           |
| 1960.....        | 2,367,625 | 229,243   | 2,596,868 |
| 1959.....        | 2,497,073 | 150,889   | 2,647,962 |
| 1958.....        | 2,661,433 | 260,861   | 2,922,294 |
| 1957.....        | 2,618,079 | 219,036   | 2,837,115 |
| 1956.....        | 2,766,170 | 253,219   | 3,019,383 |
| <i>Total—</i>    |           |           |           |
| 1960.....        | 3,150,940 | 1,132,181 | 4,283,121 |
| 1959.....        | 3,176,089 | 1,049,564 | 4,225,653 |
| 1958.....        | 2,850,655 | 1,108,584 | 3,959,239 |
| 1957.....        | 2,708,715 | 1,033,461 | 3,742,176 |
| 1956.....        | 2,987,331 | 1,293,915 | 4,281,246 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil,<br>fuel | Pulpwood | Grain   | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Paper,<br>newsprint | Coal,<br>bituminous | Metal,<br>scrap | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Wood-pulp | Iron,<br>or Steel,<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate |
|------------------|---------------------------|----------|---------|----------|--|---------------------|---------------------|-----------------|---|-----------|--|
| <i>Foreign—</i>  |                           |          |         |          | 2  | 1                   |                     |                 |   |           | 27,256   |
| Inward—          |                           |          |         | 17,155   |  |                     |                     |                 |   |           | 27,675   |
| 1960.....        | 579,605                   |          |         | 43,581   |  |                     |                     |                 |   |           |  |
| 1959.....        | 478,765                   |          | 8,942   |          |  |                     |                     |                 |   |           |  |
| Outward—         |                           |          |         |          | 265,594  | 247,769             |                     | 38,860          | 42,690  | 38,167    | 1,274  |
| 1960.....        |                           |          | 205,906 |          | 225,317  | 191,100             |                     | 15,753          | 59,358  | 28,237    | 654  |
| 1959.....        |                           |          | 335,208 |          |  |                     |                     |                 |   |           |  |
| <i>Domestic—</i> |                           |          |         |          | 101  |                     |                     |                 |   |           |  |
| Inward—          |                           |          |         |          |  |                     |                     |                 |   |           |  |
| 1960.....        | 462,429                   | 833,291  | 436,812 | 413,734  |  |                     | 169,527             |                 |   | 531       | 1,140  |
| 1959.....        | 555,510                   | 794,567  | 518,989 | 372,517  |  | 62                  | 188,164             | 77              | 1,037   | 881       | 2,829  |
| Outward—         |                           |          |         |          |  |                     |                     |                 |   |           |  |
| 1960.....        | 143,637                   |          | 806     | 9,204    |  |                     | 570                 | 6,292           |   |           | 4,111  |
| 1959.....        | 66,777                    |          | 2,762   | 1,468    |  |                     | 856                 |                 | 448   |           | 6,905  |
| <i>Totals—</i>   |                           |          |         |          |  |                     |                     |                 |   |           |  |
| Inward—          |                           |          |         |          | 103  | 1                   |                     |                 |   |           |  |
| 1960.....        | 1,042,034                 | 833,291  | 436,812 | 430,889  |  |                     | 169,527             |                 |   | 531       | 28,396   |
| 1959.....        | 1,034,275                 | 794,567  | 527,931 | 416,098  |  | 62                  | 188,164             | 79              | 1,037   | 881       | 30,504   |
| Outward—         |                           |          |         |          |  |                     |                     |                 |   |           |  |
| 1960.....        | 143,637                   |          | 206,712 | 9,204    | 265,594  | 247,769             | 570                 | 45,152          | 42,690  | 38,167    | 5,385  |
| 1959.....        | 66,777                    |          | 337,970 | 1,468    | 225,317  | 191,100             | 856                 | 15,758          | 59,808  | 28,237    | 7,589  |
| <i>Total—</i>    |                           |          |         |          |  |                     |                     |                 |   |           |  |
| 1960.....        | 1,185,671                 | 833,291  | 643,524 | 440,093  | 265,697  | 247,770             | 170,097             | 45,152          | 42,690  | 38,698    | 33,781   |
| 1959.....        | 1,101,052                 | 794,567  | 865,901 | 417,566  | 225,317  | 191,102             | 189,020             | 15,837          | 60,843  | 29,118    | 38,063   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Rock<br>and<br>Stone | Sulphur | Fertilizers<br>and<br>Fertilizer<br>Materials | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Motor<br>Vehicles<br>and<br>Parts | Flour,<br>wheat | Aluminum<br>not<br>otherwise<br>specified | Cement,<br>common<br>or<br>portland | Groceries<br>not<br>otherwise<br>specified | Coal,<br>anthracite | Glass<br>and Glass<br>Manu-<br>factures |
|------------------|----------------------|---------|---|--|-----------------------------------|-----------------|---|-------------------------------------|--|---------------------|---|
| <i>Foreign—</i>  |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| Inward—          |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 21,311               | 28,591  | 28,020  | 3,199  | 18,492                            | .....           | 180                                       | 1,049                               | 1,826                                      | 7,422               | 6,211                                   |
| 1959.....        | 1,326                | 20,492  | 17,985  | 1,068  | 24,788                            | .....           | .....                                     | 923                                 | 2,183                                      | 12,024              | 3,413                                   |
| Outward—         |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | .....                | .....   | 101   | 19,532   | 192                               | 3,126           | 9,067                                     | .....                               | 1  | .....               | .....                                   |
| 1959.....        | .....                | .....   | 120   | 11,737   | 1,091                             | 3,753           | .....                                     | .....                               | .....                                      | .....               | .....                                   |
| <i>Domestic—</i> |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| Inward—          |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 9,757                | .....   | .....   | 238  | 505                               | 14,343          | 2,808                                     | 1,734                               | 156  | .....               | .....                                   |
| 1959.....        | .....                | .....   | .....   | 10,275   | 219                               | 3,095           | .....                                     | 33,953                              | 7  | .....               | .....                                   |
| Outward—         |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 1,308                | .....   | 106   | .....  | 453                               | 1,559           | .....                                     | 8,741                               | 9,522                                      | .....               | 259                                     |
| 1959.....        | .....                | .....   | 547   | 350  | 1,416                             | 2,088           | .....                                     | 24,284                              | 8,373                                      | .....               | 22                                      |
| <i>Totals—</i>   |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| Inward—          |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 31,068               | 28,591  | 28,020  | 3,437  | 18,997                            | 14,343          | 2,988                                     | 2,783                               | 1,982                                      | 7,422               | 6,211                                   |
| 1959.....        | 1,326                | 20,492  | 17,985  | 11,343   | 25,007                            | 3,095           | .....                                     | 34,876                              | 2,190                                      | 12,024              | 3,413                                   |
| Outward—         |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 1,308                | .....   | 207   | 19,532   | 645                               | 4,685           | 9,067                                     | 8,741                               | 9,523                                      | .....               | 259                                     |
| 1959.....        | .....                | .....   | 667   | 12,087   | 2,507                             | 5,841           | .....                                     | 24,284                              | 8,373                                      | .....               | 22                                      |
| <i>Total—</i>    |                      |         |   |  |                                   |                 |   |                                     |  |                     |   |
| 1960.....        | 32,376               | 28,591  | 28,227  | 22,969   | 19,642                            | 19,028          | 12,055                                    | 11,524                              | 11,505                                     | 7,422               | 6,470                                   |
| 1959.....        | 1,326                | 20,492  | 18,652  | 23,430   | 27,514                            | 8,936           | .....                                     | 59,160                              | 10,563                                     | 12,024              | 3,435                                   |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Wallboard | Food-stuffs, canned or preserved, not otherwise specified | Beverages, alcoholic | Brick | Meats, chilled, fresh or frozen | Tallow, inedible | Fruits and Fruit Products (including Juices) not otherwise specified | Pulpboard (except Wall-board) | Explosives, including Fuses and Blasting Caps | All Goods not otherwise specified | Total     |
|------------------|-----------|---|----------------------|-------|---------------------------------|------------------|--|-------------------------------|---|-----------------------------------|-----------|
| <i>Foreign—</i>  |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| Inward—          |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 298       | 1,584   | 3,432                | 1,380 |                                 |                  | 1,666  |                               | 319   | 31,882                            | 783,315   |
| 1959.....        | 614       | 1,502   | 3,086                | 1,754 |                                 |                  | 1,878  |                               | 43  | 27,015                            | 679,016   |
| Outward—         |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 82        | 2,451   | 36                   | 109   | 2,202                           | 1,769            | 10   | 1,100                         | 318   | 22,900                            | 902,938   |
| 1959.....        | 88        | 2,027   | 30                   |       |                                 |                  | 11   | 844                           | 1,617   | 23,342                            | 898,675   |
| <i>Domestic—</i> |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| Inward—          |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 4,846     | 193   | 38                   |       |                                 |                  |  |                               |   | 15,442                            | 2,367,625 |
| 1959.....        | 3,384     | 939   |                      |       |                                 |                  | 2  | 111                           |   | 9,856                             | 2,497,073 |
| Outward—         |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 632       | 31  | 724                  | 764   |                                 |                  | 75   |                               |   | 40,449                            | 229,243   |
| 1959.....        | 211       | 63  | 1,024                | 694   |                                 |                  | 257  |                               | 10  | 32,344                            | 150,889   |
| <i>Totals—</i>   |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| Inward—          |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 5,144     | 1,777   | 3,470                | 1,380 |                                 |                  | 1,666  |                               | 319   | 46,986                            | 3,150,940 |
| 1959.....        | 3,998     | 2,441   | 3,086                | 1,754 |                                 |                  | 1,880  | 111                           | 43  | 36,871                            | 3,176,089 |
| Outward—         |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 714       | 2,482   | 760                  | 873   | 2,202                           | 1,769            | 85   | 1,100                         | 318   | 63,349                            | 1,132,181 |
| 1959.....        | 299       | 2,090   | 1,094                | 694   |                                 |                  | 268  | 844                           | 1,627   | 55,686                            | 1,049,564 |
| Total—           |           |   |                      |       |                                 |                  |  |                               |   |                                   |           |
| 1960.....        | 5,858     | 4,259   | 4,230                | 2,253 | 2,202                           | 1,769            | 1,751  | 1,100                         | 637   | 105,663                           | 4,283,121 |
| 1959.....        | 4,297     | 4,531   | 4,140                | 2,448 |                                 |                  | 2,148  | 955                           | 1,670   | 92,557                            | 4,225,653 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

| —                 | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1960.....         | 15,146 | 9,497    | 24,643  |
| 1959.....         | 14,113 | 9,481    | 23,594  |
| 1958.....         | 15,084 | 8,166    | 23,250  |
| 1957.....         | 51,076 | 23,162   | 74,238  |
| 1956.....         | 43,607 | 19,703   | 63,310  |
| <i>Coastwise—</i> |        |          |         |
| 1960.....         | 6,884  | 5,603    | 12,487  |
| 1959.....         | 11,010 | 9,644    | 20,654  |
| 1958.....         | 14,720 | 15,582   | 30,302  |
| 1957.....         | 14,871 | 13,428   | 28,299  |
| 1956.....         | 13,852 | 14,387   | 28,239  |
| <i>Total—</i>     |        |          |         |
| 1960.....         | 22,030 | 15,100   | 37,130  |
| 1959.....         | 25,123 | 19,125   | 44,248  |
| 1958.....         | 29,804 | 23,748   | 53,552  |
| 1957.....         | 65,947 | 36,950   | 102,537 |
| 1956.....         | 57,459 | 34,090   | 91,549  |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1960, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1960.....         | 18,315,917 | 7,234,843  | 25,550,760 |
| 1959.....         | 22,489,928 | 11,481,764 | 33,971,692 |
| 1958.....         | 17,036,110 | 14,672,807 | 31,708,917 |
| 1957.....         | 10,278,683 | 8,893,999  | 19,172,682 |
| 1956.....         | 13,392,558 | 17,231,821 | 30,624,379 |
| <i>Via rail—</i>  |            |            |            |
| 1960.....         | 2,543,270  | 12,126,007 | 14,669,277 |
| 1959.....         | 4,972,091  | 12,009,399 | 16,981,490 |
| 1958.....         | 11,428,569 | 11,032,533 | 22,461,102 |
| 1957.....         | 8,648,455  | 8,027,290  | 16,675,745 |
| 1956.....         | 13,399,400 | 8,245,860  | 21,645,260 |
| <i>Via other—</i> |            |            |            |
| 1960.....         | 17         | 2,277,682  | 2,277,699  |
| 1959.....         | 137        | 2,270,130  | 2,270,267  |
| 1958.....         | 573        | 1,869,244  | 1,869,817  |
| 1957.....         | 112        | 1,630,574  | 1,630,686  |
| 1956.....         | 5,851      | 1,442,846  | 1,448,697  |
| <i>Total—</i>     |            |            |            |
| 1960.....         | 20,859,204 | 21,638,532 | 42,497,736 |
| 1959.....         | 27,462,156 | 25,761,293 | 53,223,449 |
| 1958.....         | 28,465,252 | 27,574,584 | 56,039,836 |
| 1957.....         | 18,927,250 | 18,551,863 | 37,479,113 |
| 1956.....         | 26,797,809 | 26,920,527 | 53,718,336 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1960, with comparison for 1959.

|  | 1960   | 1959   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 12,746 | 13,392 |
| Non-revenue cars.....  | 11,958 | 11,446 |
| Total.....   | 24,704 | 24,838 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,252 | 11,835 |
| Non-revenue cars.....  | 12,543 | 12,854 |
| Total.....   | 24,795 | 24,689 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 93     | 82     |
| Non-revenue cars.....  | 93     | 82     |
| Total.....   | 186    | 164    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 25,091 | 25,309 |
| Non-revenue cars.....  | 24,594 | 24,382 |
| Total.....   | 49,685 | 49,691 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$425,283. The principal items were dredging the Inner Basin alongside the cross-wall to elevation 20, and St. Charles River berths Nos. 29-W, W-29, 30, and 31 to elevation 36, each area dredged to St. Lawrence Ship Channel datum, the material dredged from the St. Charles River being deposited to make ground for the new harbour development on the northeast bank of the St. Charles River Estuary; levelling, on the east side of shed No. 26, the columns and concrete wall and the railway track on the apron that had settled with time, filling, where required, inside the shed and on the apron, and paving with asphalt; renewing deteriorated 12" by 12" B. C. timber courses and the fenders at St. Charles River berths Nos. W-29, 30 and 31; putting into service the passenger elevator of the main office building after converting from manual operation to automatic control, and modernizing the cab to conform to code requirements, and replacing belting at the east storage, and the shipping house of the grain elevator.

## CAPITAL WORKS

Expenditures on capital account amounted to \$829,663, of which \$400,000 was provided from revenues. The principal items were:—

*Reconstruction of Wharf No. 19.*—A contract was awarded to Dimock Construction Inc. in July, 1959, for the erection of a steel sheet piling quay wall, 660 feet in length, in front of the old wooden crib-work wharf at berth No. 19 on the south side of the Outer Basin of the Princess Louise Docks. The work was completed in December, 1960.

*Harbour Development North of St. Charles River Estuary.*—In October, 1959, a contract was awarded to McNamara Marine Limited for the dredging of approximately 550,000 cubic yards from the bed of the St. Charles River Estuary, and the depositing of this material as fill for the new harbour development on the north side of the estuary east of the Anglo-Canadian Pulp & Paper Mills' Property. The work was completed in September, 1960.

*Construction of Wharf, North Side, St. Charles River Estuary.*—In September, 1960, a contract was awarded to Raymond International Company, Limited, for the construction of a new wharf, 687 feet long, to consist of 6 concrete cribs with concrete super-structure, and to be the quay wall for the development mentioned in the preceding item. This contract also calls for the dredging of approximately 1,200,000 cubic yards, to elevation 37, St. Lawrence Ship Channel datum, from the bed of the estuary in the approaches to the wharf. Preparations are being made by the contractor to commence work in the early spring of 1961.

The present stage of development will provide, eventually, approximately 3,500,000 square feet for harbour facilities and for rental to commercial and industrial firms. BP Canada Limited have leased a large area at that location where they are completing the installation of a marine terminal.

*Power Shovels, Outer Basin Marine Towers.*—Renold Chains Canada Limited was awarded a contract in February, 1960, for the supply and delivery of power shovel equipment for 2 marine legs, Outer Basin, Princess Louise Docks. The work of installing these power shovels, 4 for each leg, was undertaken by the Board's forces and completed during the year.

*Reconstruction of Transit Shed No. 19.*—A contract was awarded to Beaudet & Fils Inc. in October, 1960, for the erection on the south side of the Outer Basin of a single-story steel-frame transit shed, 462 feet long by 106 feet wide, with office accommodation on 2 floors at the west end. Approximately 40% of the work was completed by the end of the year.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Asphalt paving of the two end entrances to transit shed No. 8 as well as the driveway between sheds Nos. 7 and 8, and the roadway between the grain elevator shipping house and the new east annex to sheds Nos. 28 and 29; the purchase of 3 Lewis-Shepard electric low-lift, pallet-type lift trucks for the cold storage main warehouse; completion by the Board's forces of the changeover of the 2,300-volt line serving the cold storage plant to a 4,160-volt installation; the installation, at the millwright shop of the grain elevator car



shed, of additional sanitary facilities for the use of grain elevator employees, and the erection of a 4,000-volt power line to serve the new BP Canada Limited marine terminal and, eventually, harbour installations at that location.

### INCOME AND EXPENSE

Operating income amounted to \$2,405,453, as compared with \$2,282,094 in 1959, the increase being \$123,359. Operating expenses were \$1,662,067, as compared with \$1,765,315 in 1959. Net operating income was \$743,386 in 1960, as compared with \$516,779 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed a net loss of \$906,825, as compared with a net loss of \$1,009,844 in 1959.

## BALANCE SHEET AS AT DECEMBER 31, 1960

## HARBOUR OF QUEBEC

53

## ASSETS

| CURRENT—   |                   |
|--|-------------------|
| Cash.....  | \$ 215,733        |
| Accounts Receivable.....   | 385,831           |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 107,471           |
| Accrued Income.....  | 780               |
| Prepaid Expenses.....  | 2,213             |
|  | <u>\$ 712,078</u> |

## INVESTMENTS IN BONDS—

|  |         |
|--|---------|
| (at amortized cost, market value \$601,361)..... | 601,261 |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....    | 100,386 |

## RESERVE FUNDS—

|  |                  |
|--|------------------|
| (Cash, \$106,622; bonds, at amortized cost, \$1,935,361) |                  |
| Replacement of Capital Assets.....                       | 1,634,672        |
| Fire and General Insurance.....                          | 266,080          |
| Special Maintenance.....                                 | 141,231          |
|  | <u>2,041,983</u> |

## DEBIT BALANCES IN SUSPENSE.....

5,163

## CAPITAL ASSETS—

(at cost or estimated cost)

|                                      |                   |
|--------------------------------------|-------------------|
| Harbour Dredging.....                | 3,603,197         |
| Real Estate.....                     | 289,283           |
| Vehicle Bridges.....                 | 171,869           |
| Roads, Fences and Boundaries.....    | 256,054           |
| Sewers and Drains.....               | 290,810           |
| Miscellaneous Structures.....        | 123,925           |
| Wharves and Piers.....               | 18,209,342        |
| Permanent Sheds.....                 | 3,951,961         |
| Shed Hoists and Electric Cranes..... | 12,000            |
| Railway System.....                  | 1,046,267         |
| Grain Elevator System.....           | 8,322,274         |
| Cold Storage System.....             | 859,378           |
| Office Furniture and Appliances..... | 20,654            |
| Harbour Buildings.....               | 220,400           |
| Central Heating Plants.....          | 9,515             |
| Harbour Shops.....                   | 29,782            |
| Electric Power System.....           | 346,030           |
| Water Supply System.....             | 37,956            |
| Floating Equipment.....              | 100,065           |
| Shore Equipment.....                 | 67,025            |
| Miscellaneous Small Plant.....       | 41,349            |
| Works under Construction.....        | 1,050,060         |
|                                      | <u>39,059,206</u> |

\$ 42,520,077

## LIABILITIES

|  |                |
|--|----------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 302,733     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 168,323        |
| CONTRACTORS' HOLDBACKS.....                            | 97,411         |
| DEFERRED INCOME.....                                   | 18,936         |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 100,386        |
|  | <u>687,789</u> |

## PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|  |              |
|--|--------------|
| Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$ 3,413,019 |
| Loans and Advances.....  | 39,135,590   |
| Interest in Arrears on Loans and Advances.....                                   | 22,035,680   |

## Reserves—

|                                    |                   |
|------------------------------------|-------------------|
| Replacement of Capital Assets..... | \$ 10,529,195     |
| Fire and General Insurance.....    | 266,080           |
| Special Maintenance.....           | 141,231           |
|                                    | <u>10,936,506</u> |
|                                    | <u>75,520,795</u> |

## Deduct: Deficit—

|  |            |
|--|------------|
| Balance at Beginning of Year.....                                  | 32,778,732 |
| Add: Prior Years' Adjustments (Net).....                           | 2,950      |
| Net Loss for the year, per statement of<br>Income and Expense..... | 906,825    |

Balance at End of Year.....

41,832,288

33,688,507

\$ 42,520,077

## HARBOUR OF QUEBEC

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

|                             |    |         |             |
|-----------------------------|----|---------|-------------|
| Harbour—                    |    |         |             |
| Harbour Dues.....           | \$ | 45,252  |             |
| Property Rentals.....       |    | 108,075 |             |
| Miscellaneous.....          |    | 6,311   |             |
|                             |    |         | \$ 159,638  |
| Wharves and Piers—          |    |         |             |
| Top Wharfage.....           |    | 498,046 |             |
| Dockage.....                |    | 223,360 |             |
| Wharf Space Rentals.....    |    | 115,801 |             |
| Miscellaneous.....          |    | 3,762   |             |
|                             |    |         | 840,969     |
| Grain Elevator System—      |    |         |             |
| Elevation.....              |    | 357,473 |             |
| Storage.....                |    | 520,386 |             |
| Miscellaneous.....          |    | 28,316  |             |
|                             |    |         | 906,175     |
| Cold Storage System—        |    |         |             |
| Storage.....                |    | 86,584  |             |
| Miscellaneous.....          |    | 41,792  |             |
|                             |    |         | 128,376     |
| Permanent Sheds—            |    |         |             |
| Shed Rentals.....           |    | 42,519  |             |
| Storage.....                |    | 12,226  |             |
|                             |    |         | 54,745      |
| Railway System.....         |    |         | 167,879     |
| Miscellaneous Services..... |    |         | 147,671     |
|                             |    |         | \$2,405,453 |

## OPERATING EXPENSES—

|   |  |         |           |
|---|--|---------|-----------|
| Operation and Maintenance—                                  |  |         |           |
| Harbour.....  |  | 279,441 |           |
| Wharves and Piers.....                                      |  | 103,098 |           |
| Grain Elevator System.....                                  |  | 437,994 |           |
| Cold Storage System.....                                    |  | 168,657 |           |
| Permanent Sheds.....  |  | 108,580 |           |
| Railway System.....   |  | 213,821 |           |
| Miscellaneous Services.....                                 |  | 161,674 |           |
|   |  |         | 1,473,265 |
| Administrative—   |  |         |           |
| Salaries.....   |  | 73,566  |           |
| Contributions to Public Service Superannuation Account..... |  | 41,574  |           |
| Office Expenses.....  |  | 4,104   |           |
| Miscellaneous.....  |  | 69,558  |           |
|   |  |         | 188,802   |
|   |  |         | 1,662,067 |
| NET OPERATING INCOME.....                                   |  |         | 743,386   |

## Add: OTHER INCOME—

|  |  |        |         |
|--|--|--------|---------|
| Income from Investments (less \$19,444 transferred to Reserves other than that for Replacement of Capital Assets)..... |  | 66,059 |         |
| Miscellaneous.....   |  | 219    |         |
|  |  |        | 66,278  |
|  |  |        | 809,664 |

## Deduct: SPECIAL CHARGES—

|   |  |           |            |
|---|--|-----------|------------|
| Provision for Interest on Loans and Advances..... |  | 1,223,264 |            |
| Provision for Replacement of Capital Assets.....  |  | 487,907   |            |
| Other.....  |  | 5,318     |            |
|   |  |           | 1,716,489  |
| NET LOSS.....                                     |  |           | \$ 906,825 |

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 81 miles below Montreal. It is open to navigation for about  $8\frac{1}{2}$  months each year, beginning early in April. The facilities operated by the National Harbours Board include 8,600 linear feet of wharves which provide 18 deepsea berths, with a minimum water depth of 30 feet, and basin with 35 feet, and 4 berths for coastal or small vessels. There are 10 transit sheds with a total floor area of about 290,000 square feet.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 3,029                   | 3,395,533                    |
| 1959.....          | 3,150                   | 3,498,249                    |
| 1958.....          | 2,784                   | 2,136,802                    |
| 1957.....          | 3,226                   | 2,243,346                    |
| 1956.....          | 3,308                   | 2,400,433                    |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 3,028                   | 3,393,625                    |
| 1959.....          | 3,154                   | 3,500,923                    |
| 1958.....          | 2,785                   | 2,136,155                    |
| 1957.....          | 3,222                   | 2,239,669                    |
| 1956.....          | 3,309                   | 2,406,509                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960                    |                              | 1959                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 492                     | 1,795,873                    | 429                     | 1,566,668                    |
| Coastal or inland commercial (including fishery)..... | 2,421                   | 1,504,657                    | 2,649                   | 1,878,038                    |
| Other.....  | 116                     | 95,003                       | 72                      | 53,543                       |
| Total.....  | 3,029                   | 3,395,533                    | 3,150                   | 3,498,249                    |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 492                     | 1,795,873                    | 429                     | 1,566,668                    |
| Coastal or inland commercial (including fishery)..... | 2,421                   | 1,504,787                    | 2,654                   | 1,880,905                    |
| Other.....  | 115                     | 92,965                       | 71                      | 53,350                       |
| Total.....  | 3,028                   | 3,393,625                    | 3,154                   | 3,500,923                    |

(Exclusive of naval vessels)



## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward | Total     |
|------------------|-----------|---------|-----------|
|                  | (Tons)    | (Tons)  | (Tons)    |
| <i>Foreign—</i>  |           |         |           |
| 1960.....        | 530,780   | 586,065 | 1,116,845 |
| 1959.....        | 379,444   | 708,698 | 1,088,142 |
| 1958.....        | 263,267   | 753,809 | 1,017,076 |
| 1957.....        | 308,454   | 579,215 | 887,669   |
| 1956.....        | 279,870   | 744,118 | 1,023,988 |
| <i>Domestic—</i> |           |         |           |
| 1960.....        | 2,134,041 | 146,905 | 2,280,946 |
| 1959.....        | 2,235,644 | 50,639  | 2,286,283 |
| 1958.....        | 2,209,205 | 28,738  | 2,237,943 |
| 1957.....        | 2,519,568 | 10,134  | 2,529,702 |
| 1956.....        | 2,565,228 | 16,218  | 2,581,446 |
| <i>Total—</i>    |           |         |           |
| 1960.....        | 2,664,821 | 732,970 | 3,397,791 |
| 1959.....        | 2,615,088 | 759,337 | 3,374,425 |
| 1958.....        | 2,472,472 | 782,547 | 3,255,019 |
| 1957.....        | 2,828,022 | 589,349 | 3,417,371 |
| 1956.....        | 2,845,098 | 760,336 | 3,605,434 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

# CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

| —                | Pulpwood  | Petroleum<br>Oil, fuel | Grain   | Paper,<br>newsprint | Coal,<br>bituminous | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Sulphur | Aluminum<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Chemicals<br>not<br>otherwise<br>specified | Aluminum<br>Manu-<br>factures<br>not<br>otherwise<br>specified |
|------------------|-----------|------------------------|---------|---------------------|---------------------|----------|--|---------|---|--|--|
| <i>Foreign—</i>  |           |                        |         |                     |                     |          |  |         |   |  |  |
| Inward—          |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | .....     | 318,122                | 36,505  | .....               | 78,724              | 19,974   | 707  | 53,187  | 6   | 144  | .....  |
| 1959.....        | .....     | 233,075                | .....   | .....               | 69,612              | 15,169   | .....  | 43,042  | 43  | 5  | .....  |
| Outward—         |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | .....     | 24                     | 267,514 | 200,399             | .....               | .....    | 64,135   | .....   | 10,266  | 13,680                                     | 10,448   |
| 1959.....        | .....     | .....                  | 437,849 | 177,126             | .....               | .....    | 46,125   | .....   | 4,383   | 15,235                                     | 7,506  |
| <i>Domestic—</i> |           |                        |         |                     |                     |          |  |         |   |  |  |
| Inward—          |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | 1,503,788 | 180,425                | 285,802 | .....               | 85,228              | 62,619   | 267  | .....   | 3,048   | .....                                      | .....  |
| 1959.....        | 1,494,756 | 176,274                | 441,719 | .....               | 41,749              | 54,009   | .....  | .....   | 6,936   | .....                                      | .....  |
| Outward—         |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | .....     | 122,604                | 4,515   | .....               | .....               | 12,088   | 30   | .....   | 1,476   | .....                                      | 280  |
| 1959.....        | .....     | 35,186                 | .....   | .....               | .....               | 6,488    | .....  | .....   | .....   | 2  | 510  |
| <i>Totals—</i>   |           |                        |         |                     |                     |          |  |         |   |  |  |
| Inward—          |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | 1,503,788 | 498,547                | 322,307 | .....               | 163,952             | 82,593   | 974  | 53,187  | 3,054   | 144  | .....  |
| 1959.....        | 1,494,756 | 409,349                | 441,719 | .....               | 111,361             | 69,178   | .....  | 43,042  | 6,979   | 5  | .....  |
| Outward—         |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | .....     | 122,628                | 272,029 | 200,399             | .....               | 12,088   | 64,165   | .....   | 11,742  | 13,680                                     | 10,728   |
| 1959.....        | .....     | 35,186                 | 437,849 | 177,126             | .....               | 6,488    | 46,125   | .....   | 4,383   | 13,237                                     | 8,016  |
| <i>Total—</i>    |           |                        |         |                     |                     |          |  |         |   |  |  |
| 1960.....        | 1,503,788 | 621,175                | 594,336 | 200,399             | 163,952             | 94,681   | 65,139   | 53,187  | 14,796  | 13,824                                     | 10,728   |
| 1959.....        | 1,494,756 | 444,535                | 879,568 | 177,126             | 111,361             | 75,666   | 46,125   | 43,042  | 11,362  | 15,242                                     | 8,016  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Salt  | Iron<br>or Steel,<br>structural | Calcium<br>Carbide | Acetic<br>Acid | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Iron or<br>Steel Wire<br>and Wire<br>Manu-<br>factures | Coal,<br>anthracite | Lime  | Ferro-<br>alloys | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-------|---------------------------------|--------------------|----------------|---|--|---------------------|-------|------------------|--|-----------|
| <i>Foreign—</i>  |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| Inward—          |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        | 6,717 | 5,258                           |                    |                | 2,532   | 3,648  | 3,558               |       |                  | 1,698                                      | 530,780   |
| 1959.....        | 3,372 |                                 |                    |                | 5,372   |  | 2,692               |       |                  | 7,062                                      | 379,444   |
| Outward—         |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        |       | 332                             | 5,028              | 4,729          | 264   |  |                     | 2,828 | 1,880            | 4,558                                      | 586,065   |
| 1959.....        |       |                                 | 8,486              |                | 134   |  |                     |       |                  | 11,854                                     | 708,698   |
| <i>Domestic—</i> |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| Inward—          |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        |       |                                 |                    |                | 1,901   |  |                     |       |                  | 10,963                                     | 2,134,041 |
| 1959.....        |       |                                 |                    |                | 2,852   |  |                     |       |                  | 17,349                                     | 2,235,644 |
| Outward—         |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        |       |                                 |                    | 1              |   |  |                     |       |                  | 5,911                                      | 146,905   |
| 1959.....        |       |                                 |                    |                |   |  |                     |       |                  | 8,453                                      | 50,639    |
| <i>Totals—</i>   |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| Inward—          |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        | 6,717 | 5,590                           |                    |                | 4,433   | 3,648  | 3,558               |       |                  | 12,694                                     | 2,604,821 |
| 1959.....        | 3,372 |                                 |                    |                | 8,224   |  | 2,692               |       |                  | 24,411                                     | 2,615,088 |
| Outward—         |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        |       |                                 | 5,028              | 4,730          | 264   |  |                     | 2,828 | 1,880            | 10,416                                     | 732,970   |
| 1959.....        |       |                                 | 8,486              |                | 134   |  |                     |       |                  | 20,307                                     | 759,337   |
| <i>Total—</i>    |       |                                 |                    |                |   |  |                     |       |                  |  |           |
| 1960.....        | 6,717 | 5,590                           | 5,028              | 4,730          | 4,697   | 3,648  | 3,558               | 2,828 | 1,880            | 23,110                                     | 3,397,791 |
| 1959.....        | 3,372 |                                 | 8,486              |                | 8,358   |  | 2,692               |       |                  | 44,718                                     | 3,374,425 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1960, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1960.....         | 11,043,997 | 9,193,681  | 20,237,678 |
| 1959.....         | 15,276,670 | 14,752,478 | 30,029,148 |
| 1958.....         | 16,971,335 | 17,068,584 | 34,039,919 |
| 1957.....         | 10,628,779 | 10,108,534 | 20,737,313 |
| 1956.....         | 15,592,077 | 16,783,713 | 32,375,790 |
| <i>Via rail—</i>  |            |            |            |
| 1960.....         | 879,173    | 79,026     | 958,199    |
| 1959.....         | 273,279    | 178,793    | 452,072    |
| 1958.....         | 22,329     | 110,554    | 132,883    |
| 1957.....         | 1,563,352  | 224,872    | 1,788,224  |
| 1956.....         | 2,865,643  | 214,046    | 3,079,689  |
| <i>Via other—</i> |            |            |            |
| 1960.....         |            | 1,055,090  | 1,055,090  |
| 1959.....         |            | 1,358,776  | 1,358,776  |
| 1958.....         |            | 861,440    | 861,440    |
| 1957.....         |            | 747,082    | 747,082    |
| 1956.....         |            | 638,837    | 638,837    |
| <i>Total—</i>     |            |            |            |
| 1960.....         | 11,923,170 | 10,327,797 | 22,250,967 |
| 1959.....         | 15,549,949 | 16,290,047 | 31,839,996 |
| 1958.....         | 16,993,664 | 18,040,578 | 35,034,242 |
| 1957.....         | 12,192,131 | 11,080,488 | 23,272,619 |
| 1956.....         | 18,457,720 | 17,636,596 | 36,094,316 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$53,256. This provided for the general maintenance of all wharves, piers, sheds, roads, and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$103,740, which amount was provided from Board revenues. The work consisted of:—

*Construction of Shed No. 9.*—A contract was awarded to Rosaire Dufresne Inc. in November, 1960, for the construction of a steel frame transit shed at section 9, 506 feet long by 100 feet wide, with corrugated aluminum sheathing. The work was 20% completed by the end of the year.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Construction of ships' water supply system at section 20; placing of stone on closure wall at section 20, and filling area back of closure wall to required height with sand.

## INCOME AND EXPENSE

Operating income amounted to \$603,169 as compared with \$449,026 in 1959, while operating expenses were \$109,118 as against \$123,207 in the previous year. Net operating income was \$494,051, as compared with \$325,819 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit of \$315,491 in 1960, as compared with a net profit of \$147,821 in the previous year.



# Harbour of Three Rivers BALANCE SHEET AS AT DECEMBER 31, 1960

| ASSETS   |            | LIABILITIES  |               |
|--|------------|--|---------------|
| <b>CURRENT—</b>  |            | <b>ACCOUNTS PAYABLE—GENERAL.....</b>   |               |
| Cash.....  | \$ 171,574 |  | \$ 7,152      |
| Accounts Receivable.....   | 23,178     |  |               |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 235        | <b>ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....</b>                            | 36,635        |
|  |            |  |               |
|  |            | <b>CONTRACTORS' HOLDBACKS.....</b>   | 6,704         |
|  |            |  |               |
| <b>INVESTMENT IN BONDS—</b>  |            | <b>DEFERRED INCOME.....</b>  | 59,768        |
| (At amortized cost, market value \$190,058).....                   |            |  |               |
|  |            | <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....</b>                    | 33,662        |
|  |            |  | 143,921       |
| <b>RESERVE FUNDS—</b>  |            |  |               |
| (Cash, \$74,508; bonds, at amortized cost, \$2,272,198)            |            | <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>                           |               |
| Replacement of Capital Assets.....                                 | 2,188,012  | Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$ 693,807    |
| Fire and General Insurance.....                                    | 122,468    | Loans and Advances.....  | 5,159,789     |
| Special Maintenance.....   | 36,226     |  |               |
|  |            | <b>Reserves—</b>   |               |
|  | 2,346,706  | Replacement of Capital Assets \$ 2,268,963                                       |               |
|  |            | Fire and General Insurance.....  | 122,468       |
|  |            | Special Maintenance.....   | 36,226        |
|  |            |  | 2,427,657     |
| <b>CAPITAL ASSETS—</b>   |            |  | 8,281,253     |
| (At cost or estimated cost)  |            |  |               |
| Real Estate.....   | 61,790     | <b>Add: Surplus—</b>   |               |
| Roads, Fences and Boundaries.....                                  | 66,932     | Balance at Beginning of Year.....  | 1,734,846     |
| Miscellaneous Structures.....                                      | 1,281      | Add: Prior Years' Adjustments.....   | 3,750         |
| Wharves and Piers.....   | 5,778,071  | Net Income for the Year, per statement<br>of Income and Expense.....             | 315,491       |
| Permanent Sheds.....   | 1,666,612  |  |               |
| Railway System.....  | 26,611     | Balance at End of Year.....  | 2,054,087     |
| Office Furniture and Appliances.....                               | 2,770      |  |               |
| Electric Power System.....   | 11,513     |  |               |
| Water Supply System.....   | 22,464     |  |               |
| Shore Equipment.....   | 2,153      |  |               |
| Miscellaneous Small Plant.....                                     | 1,100      |  |               |
| Works under Construction.....                                      | 72,790     |  |               |
|  |            |  | 10,335,340    |
|  |            |  | \$ 10,479,261 |

## HARBOUR OF THREE RIVERS

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

#### OPERATING INCOME—

##### Harbour—

|                       |                   |           |
|-----------------------|-------------------|-----------|
| Harbour Dues.....     | \$ 16,987         |           |
| Property Rentals..... | 3,865             |           |
|                       | <u>          </u> | \$ 20,852 |

##### Wharves and Piers—

|                          |                   |         |
|--------------------------|-------------------|---------|
| Top Wharfage.....        | 233,506           |         |
| Dockage.....             | 101,579           |         |
| Wharf Space Rentals..... | 127,475           |         |
|                          | <u>          </u> | 462,560 |

##### Permanent Sheds—

|                   |         |  |
|-------------------|---------|--|
| Shed Rentals..... | 111,647 |  |
|-------------------|---------|--|

|                             |                   |            |
|-----------------------------|-------------------|------------|
| Miscellaneous Services..... | 8,110             |            |
|                             | <u>          </u> | \$ 603,169 |

#### OPERATING EXPENSES—

##### Operation and Maintenance—

|  |                   |        |
|--|-------------------|--------|
| Harbour (including \$30,000 for dredging)..... | 43,095            |        |
| Wharves and Piers.....                         | 3,577             |        |
| Permanent Sheds.....                           | 22,376            |        |
| Miscellaneous Services.....                    | 8,035             |        |
|  | <u>          </u> | 77,083 |

##### Administrative—

|   |                   |         |
|---|-------------------|---------|
| Salaries.....   | 21,267            |         |
| Contributions to Public Service Superannuation Account..... | 1,569             |         |
| Office Expenses.....  | 1,261             |         |
| Miscellaneous.....  | 7,938             |         |
|   | <u>          </u> | 32,035  |
|   |                   | 109,118 |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 494,051 |
|---------------------------|---------|

#### Add: OTHER INCOME—

|   |                   |         |
|---|-------------------|---------|
| Income from Investments (less \$6,213 transferred to Reserves other than that for Replacement of Capital Assets)..... | 87,478            |         |
| Miscellaneous.....  | 26                |         |
|   | <u>          </u> | 87,504  |
|   |                   | 581,555 |

#### Deduct: SPECIAL CHARGES—

|   |                   |         |
|---|-------------------|---------|
| Provision for Interest on Loans and Advances..... | 163,169           |         |
| Provision for Replacement of Capital Assets.....  | 102,895           |         |
|   | <u>          </u> | 266,064 |

|                 |            |
|-----------------|------------|
| NET INCOME..... | \$ 315,491 |
|-----------------|------------|

HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet. The harbour is served by both Canadian railways connected to the harbour front by 63 miles of terminal railway operated by the National Harbours Board. The harbour is usually open to navigation from early April to about the middle of December. The Board operates main piers, wharves and jetties providing 130 berths, totalling about 12 miles of berthing accommodations; 35 transit sheds, with an aggregate floor area of 2,881,400 square feet; also 4 grain elevators, with a total storage capacity of 16,762,000 bushels, and 4 miles of grain conveyor galleries with a shipping capacity of 2,000,000 bushels per 13-hour day; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 4 locomotive cranes are available.

SHIPPING

VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 6,211                   | 16,802,254                   |
| 1959.....          | 6,482                   | 15,577,794                   |
| 1958.....          | 6,002                   | 10,854,572                   |
| 1957.....          | 5,426                   | 9,738,951                    |
| 1956.....          | 5,685                   | 10,141,530                   |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 6,205                   | 16,775,829                   |
| 1959.....          | 6,490                   | 15,571,604                   |
| 1958.....          | 5,982                   | 10,841,614                   |
| 1957.....          | 5,420                   | 9,731,126                    |
| 1956.....          | 5,701                   | 10,154,025                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960              |                        | 1959              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 3,499             | 12,612,267             | 3,516             | 11,503,110             |
| Coastal or inland commercial (including fishery)..... | 2,614             | 4,158,657              | 2,890             | 4,041,747              |
| Other.....  | 98                | 31,330                 | 76                | 32,937                 |
| Total.....  | 6,211             | 16,802,254             | 6,482             | 15,577,794             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 3,499             | 12,576,884             | 3,526             | 11,546,122             |
| Coastal or inland commercial (including fishery)..... | 2,612             | 4,167,057              | 2,901             | 4,000,048              |
| Other.....  | 94                | 31,888                 | 63                | 25,434                 |
| Total.....  | 6,205             | 16,775,829             | 6,490             | 15,571,604             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward   | Total      |
|------------------|------------|-----------|------------|
|                  | (Tons)     | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |            |           |            |
| 1960.....        | 6,469,144  | 4,203,742 | 10,672,886 |
| 1959.....        | 6,088,061  | 3,937,310 | 10,025,371 |
| 1958.....        | 4,853,051  | 4,827,990 | 9,681,041  |
| 1957.....        | 4,585,523  | 4,136,739 | 8,722,262  |
| 1956.....        | 5,034,543  | 5,280,573 | 10,315,116 |
| <i>Domestic—</i> |            |           |            |
| 1960.....        | 3,887,779  | 3,691,059 | 7,578,838  |
| 1959.....        | 3,786,734  | 3,908,376 | 7,695,110  |
| 1958.....        | 4,610,932  | 3,463,051 | 8,073,983  |
| 1957.....        | 3,485,986  | 3,652,536 | 7,138,522  |
| 1956.....        | 4,249,803  | 3,863,916 | 8,113,719  |
| <i>Total—</i>    |            |           |            |
| 1960.....        | 10,356,923 | 7,894,801 | 18,251,724 |
| 1959.....        | 9,874,795  | 7,845,686 | 17,720,481 |
| 1958.....        | 9,463,983  | 8,291,041 | 17,755,024 |
| 1957.....        | 8,071,509  | 7,789,275 | 15,860,784 |
| 1956.....        | 9,284,346  | 9,144,489 | 18,428,835 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Petroleum<br>Oil, crude | Petroleum<br>Oil, fuel | Coal,<br>bituminous | Gasoline  | Motor<br>Vehicles<br>and Parts | Flour,<br>wheat | Sugar,<br>raw | Gypsum,<br>crude | Iron<br>Ore | Petroleum<br>Oil,<br>refined<br>not<br>otherwise<br>specified |
|------------------|-----------|-------------------------|------------------------|---------------------|-----------|--------------------------------|-----------------|---------------|------------------|-------------|---|
| <i>Foreign—</i>  |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| Inward—          |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 475,837   | 2,606,085               | 785,380                | 107,964             | 137,712   | 542,316                        | 6               | 328,050       | .....            | 52,265      | 37,180  |
| 1959.....        | 748,864   | 1,652,690               | 757,231                | 149,513             | 93,346    | 546,603                        | 8               | 347,259       | 11               | 96,659      | 14,645  |
| Outward—         |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 2,160,986 | .....                   | 49,152                 | .....               | 66        | 38,414                         | 332,269         | .....         | .....            | 147,628     | 915   |
| 1959.....        | 2,279,701 | .....                   | 49,262                 | .....               | 16,477    | 32,147                         | 330,606         | .....         | 174              | 85,795      | .....   |
| <i>Domestic—</i> |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| Inward—          |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 1,882,778 | 342                     | 99,126                 | 1,135,640           | 27,078    | 508                            | .....           | .....         | 244,088          | 5,891       | 639   |
| 1959.....        | 1,613,807 | 55,609                  | 78,959                 | 1,470,270           | 35,433    | 327                            | .....           | .....         | 330,218          | 1,030       | 838   |
| Outward—         |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 9,937     | 39,517                  | 1,652,333              | 308,490             | 926,976   | 2,014                          | 3,854           | .....         | 4,875            | .....       | 131,508   |
| 1959.....        | 10,435    | 263,187                 | 1,733,068              | 324,029             | 889,862   | 767                            | 5,598           | .....         | 195              | 1,030       | 118,457   |
| <i>Totals—</i>   |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| Inward—          |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 2,358,615 | 2,606,427               | 884,506                | 1,243,604           | 164,790   | 542,824                        | 6               | 328,050       | 244,088          | 58,156      | 37,819  |
| 1959.....        | 2,362,671 | 1,708,299               | 836,190                | 1,619,783           | 128,779   | 546,930                        | 8               | 347,259       | 330,229          | 97,689      | 15,473  |
| Outward—         |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 2,170,923 | 39,517                  | 1,701,485              | 308,490             | 927,042   | 40,428                         | 336,123         | .....         | 4,875            | 147,628     | 132,423   |
| 1959.....        | 2,290,136 | 263,187                 | 1,782,330              | 324,029             | 906,339   | 32,914                         | 326,204         | .....         | 369              | 86,825      | 118,457   |
| Total—           |           |                         |                        |                     |           |                                |                 |               |                  |             |   |
| 1960.....        | 4,529,538 | 2,645,944               | 2,585,991              | 1,552,094           | 1,091,832 | 583,252                        | 336,129         | 328,050       | 248,963          | 205,784     | 170,242   |
| 1959.....        | 4,652,807 | 1,971,486               | 2,618,520              | 1,943,812           | 1,035,118 | 579,844                        | 326,212         | 347,259       | 330,598          | 184,514     | 133,930   |

|                  | Cement,<br>common or<br>portland | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Iron<br>or Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Copper<br>and<br>Copper<br>Manu-<br>factures not<br>otherwise<br>specified | Nickel<br>and<br>Nickel<br>Manu-<br>factures | Iron<br>or Steel,<br>scrap | Iron<br>or Steel,<br>structural | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Molasses | Iron<br>or Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified |
|------------------|----------------------------------|--|---|--|--|--|----------------------------|---------------------------------|---|----------|--|
| <i>Foreign—</i>  |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| Inward—          |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 12,937                           | 8,140  | 1,519   | 54,155   | 1,390  | 341  | 493                        | 86,084                          | 5,729   | 75,942   | 51,136   |
| 1959.....        | 13,700                           | 8,381  | 2,779   | 110,557  | 2,665  | 567  | .....                      | 114,544                         | 5,230   | 58,090   | 67,635   |
| Outward—         |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 245                              | 101,985  | 101,545   | 44,571   | 96,637   | 96,509                                       | 86,067                     | 2,395                           | 57,170  | .....    | 16,113   |
| 1959.....        | 41                               | 77,428   | 68,685  | 7,829  | 51,537   | 83,398                                       | 68,866                     | 1,621                           | 55,192  | 15       | 7,308  |
| <i>Domestic—</i> |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| Inward—          |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | .....                            | 764  | 55  | .....  | 8  | .....  | 249                        | .....                           | 14,969  | .....    | 965  |
| 1959.....        | 1,060                            | 587  | 279   | .....  | .....  | .....  | .....                      | .....                           | 21,202  | .....    | 320  |
| Outward—         |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 108,814                          | 320  | 1,776   | 1,273  | 533  | 5  | 2,912                      | 718                             | 2,659   | 7        | 4,909  |
| 1959.....        | 156,586                          | 260  | 1,970   | 2,273  | 401  | .....  | .....                      | 441                             | 911   | 197      | 4,381  |
| <i>Totals—</i>   |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| Inward—          |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 12,937                           | 8,904  | 1,574   | 54,155   | 1,398  | 341  | 742                        | 86,084                          | 20,698  | 75,942   | 52,101   |
| 1959.....        | 14,760                           | 8,968  | 3,058   | 110,557  | 2,665  | 567  | .....                      | 114,544                         | 26,432  | 58,090   | 67,955   |
| Outward—         |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 109,059                          | 102,305  | 103,321   | 45,844   | 97,170   | 96,514                                       | 88,979                     | 3,113                           | 59,829  | 7        | 21,022   |
| 1959.....        | 156,627                          | 77,688   | 70,655  | 10,102   | 51,938   | 83,398                                       | 68,866                     | 2,062                           | 56,103  | 212      | 11,689   |
| <i>Total—</i>    |                                  |  |   |  |  |  |                            |                                 |   |          |  |
| 1960.....        | 121,996                          | 111,209  | 104,895   | 99,999   | 98,568   | 96,855                                       | 89,721                     | 89,197                          | 80,527  | 75,949   | 73,123   |
| 1959.....        | 171,387                          | 86,656   | 73,713  | 120,659  | 54,603   | 83,965                                       | 68,866                     | 116,606                         | 82,535  | 58,302   | 79,644   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Salt   | Glass and Glass<br>Manu-<br>factures | Machinery<br>and<br>Parts<br>(except<br>agri-<br>cultural | Fluorspar | Wood-pulp | Copper,<br>refined,<br>in bars,<br>billets,<br>cathodes,<br>ingots<br>or slabs | Milk,<br>condensed,<br>evaporated<br>or powdered | Jute<br>and Jute<br>Manu-<br>factures | Dry Goods<br>not<br>otherwise<br>specified | Cresote<br>Oil | Benzol |
|------------------|--------|--------------------------------------|---|-----------|-----------|--|--|---------------------------------------|--|----------------|--------|
| <i>Foreign—</i>  |        |                                      |   |           |           |  |  |                                       |  |                |        |
| Inward—          |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 32     | 59,814                               | 39,257  | 34,097    | 2,589     | 240  | 26   | 50,128                                | 38,405                                     | .....          | 20,001 |
| 1959.....        | 50,164 | 70,000                               | 46,681  | 24,058    | 5,503     | 1,558  | 5  | 46,947                                | 35,958                                     | .....          | 21,620 |
| Outward—         |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 1,228  | 1,153                                | 21,192  | 27,973    | 56,552    | 54,259   | 36,288   | 591                                   | 10,147                                     | 17,921         | 18,201 |
| 1959.....        | 86     | 966                                  | 18,990  | 8,614     | 44,747    | 42,069   | 52,264   | 303                                   | 4,364                                      | .....          | 3,501  |
| <i>Domestic—</i> |        |                                      |   |           |           |  |  |                                       |  |                |        |
| Inward—          |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 66,158 | 4                                    | 1,640   | .....     | .....     | .....  | 225  | 3                                     | 6  | 27,577         | 6,358  |
| 1959.....        | 7,633  | 7                                    | 979   | .....     | .....     | .....  | 7  | 1                                     | 3  | 5,805          | 9,581  |
| Outward—         |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 21     | 2,499                                | 1,164   | 87        | .....     | .....  | 16,412   | 30                                    | 1,038                                      | .....          | .....  |
| 1959.....        | 72     | 2,072                                | 1,121   | 4,280     | .....     | .....  | 7,517  | 79                                    | 415  | .....          | 2,884  |
| <i>Totals—</i>   |        |                                      |   |           |           |  |  |                                       |  |                |        |
| Inward—          |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 66,190 | 59,818                               | 40,897  | 34,097    | 2,589     | 240  | 251  | 50,131                                | 38,411                                     | 27,577         | 26,359 |
| 1959.....        | 57,797 | 70,007                               | 47,660  | 24,058    | 5,503     | 1,558  | 12   | 46,948                                | 35,961                                     | 5,805          | 31,201 |
| Outward—         |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 1,249  | 3,652                                | 22,356  | 28,060    | 56,552    | 54,259   | 52,700   | 621                                   | 11,185                                     | 17,921         | 18,201 |
| 1959.....        | 158    | 3,038                                | 20,111  | 12,894    | 44,747    | 42,069   | 59,781   | 382                                   | 4,779                                      | .....          | 6,385  |
| Total—           |        |                                      |   |           |           |  |  |                                       |  |                |        |
| 1960.....        | 67,439 | 63,470                               | 63,253  | 62,157    | 59,141    | 54,499   | 52,951   | 50,752                                | 49,596                                     | 45,498         | 44,560 |
| 1959.....        | 57,955 | 73,045                               | 67,771  | 36,952    | 50,250    | 43,627   | 59,793   | 47,330                                | 40,740                                     | 5,805          | 37,586 |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Coal,<br>anthracite | Ferro-<br>alloys | Chrome<br>Ore | Chemicals<br>not<br>otherwise<br>specified | Pulpboard<br>(except<br>Wallboard) | Beverages,<br>alcoholic | Metal<br>Scrap not<br>otherwise<br>specified | Con-<br>fectionery | Fruits,<br>canned<br>or<br>preserved | Iron<br>or Steel<br>Wire<br>and Wire<br>Manu-<br>factures | Paper<br>not<br>otherwise<br>specified |
|------------------|---------------------|------------------|---------------|--|------------------------------------|-------------------------|--|--------------------|--------------------------------------|---|--|
| <i>Foreign—</i>  |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| Inward—          |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        | 42,866              | 5,445            | 40,838        | 14,205                                     | 250                                | 28,887                  | 283  | 27,198             | 30,610                               | 20,559  | 2,885                                  |
| 1959.....        | 70,931              | 7,717            | 2,817         | 22,070                                     | 288                                | 36,432                  | 482  | 28,530             | 27,443                               | 12,928  | 2,694                                  |
| Outward—         |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        |                     | 36,577           |               | 16,120                                     | 34,456                             | 6,374                   | 32,695                                       | 1,074              | 615                                  | 7,181   | 22,126                                 |
| 1959.....        |                     | 21,865           |               | 15,227                                     | 18,192                             | 7,074                   | 5,047  | 1,002              | 1,542                                | 387   | 17,635                                 |
| <i>Domestic—</i> |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| Inward—          |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        |                     |                  |               | 6,488                                      |                                    |                         | 280  | 7                  |                                      | 604   | 4                                      |
| 1959.....        |                     |                  |               | 4,406                                      | 6                                  |                         | 336  | 4                  |                                      | 38  | 6                                      |
| Outward—         |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        | 841                 |                  |               | 972  | 2,812                              | 963                     | 5  | 4,039              | 82                                   | 906   | 3,953                                  |
| 1959.....        | 1,647               |                  |               | 930  | 3,082                              | 1,184                   | 20   | 2,011              | 89                                   | 687   | 2,438                                  |
| <i>Totals—</i>   |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| Inward—          |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        | 42,866              | 5,445            | 40,838        | 20,693                                     | 250                                | 28,887                  | 563  | 27,205             | 30,610                               | 21,163  | 2,889                                  |
| 1959.....        | 70,931              | 7,717            | 2,817         | 26,476                                     | 294                                | 36,432                  | 818  | 28,534             | 27,443                               | 12,966  | 2,700                                  |
| Outward—         |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        | 841                 | 36,577           |               | 17,092                                     | 37,268                             | 7,337                   | 32,700                                       | 5,113              | 697                                  | 8,087   | 26,079                                 |
| 1959.....        | 1,647               | 21,865           |               | 16,157                                     | 21,274                             | 8,258                   | 5,067  | 3,013              | 1,631                                | 1,074   | 20,073                                 |
| <i>Total—</i>    |                     |                  |               |  |                                    |                         |  |                    |                                      |   |  |
| 1960.....        | 43,707              | 42,022           | 40,838        | 37,785                                     | 37,518                             | 36,224                  | 33,263                                       | 32,318             | 31,307                               | 29,250  | 28,968                                 |
| 1959.....        | 72,578              | 22,582           | 2,817         | 42,633                                     | 21,568                             | 44,690                  | 5,885  | 31,547             | 29,074                               | 14,040  | 22,773                                 |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Ores and<br>Con-<br>centrates<br>and<br>not<br>otherwise<br>specified | Rubber,<br>crude<br>(including<br>Latex) | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Paper,<br>newsprint | Fruits,<br>fresh, not<br>otherwise<br>specified | Tallow,<br>inedible | Coffee<br>Beans<br>and<br>Prepa-<br>rations | Aluminum<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Feed,<br>animal<br>or poultry,<br>not<br>otherwise<br>specified | Settlers',<br>Effects | Rice   |
|------------------|---|--|--|---------------------|---|---------------------|---|---|---|-----------------------|--------|
| <i>Foreign—</i>  |   |  |  |                     |   |                     |   |   |   |                       |        |
| Inward—          |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 3,502   | 2,047                                    | 16,426   | 1                   | 22,714  | .....               | 22,310                                      | 85  | 252   | 10,401                | 20,927 |
| 1959.....        | 4,937   | 4,085                                    | 16,804   | 54                  | 1,500   | .....               | 18,222                                      | 217   | .....   | 9,149                 | 17,338 |
| Outward—         |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 24,542  | 25,906                                   | 10,380   | 26,888              | 3,536   | 25,417              | 323   | 19,082  | 18,185  | 10,731                | .....  |
| 1959.....        | 9,027   | 15,266                                   | 8,501  | 19,824              | 8,422   | 17,541              | 54  | 8,918   | 14,482  | 8,223                 | .....  |
| <i>Domestic—</i> |   |  |  |                     |   |                     |   |   |   |                       |        |
| Inward—          |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | .....   | .....                                    | 53   | 49                  | 2   | .....               | .....                                       | 3,003   | .....   | 75                    | .....  |
| 1959.....        | .....   | .....                                    | 116  | 50                  | 2   | 325                 | .....                                       | .....   | 58  | 65                    | .....  |
| Outward—         |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 132   | 1  | 482  | 15                  | 216   | .....               | 151   | 3   | 3,645   | 66                    | 55     |
| 1959.....        | 120   | 45                                       | 183  | 20                  | 502   | .....               | 40  | .....   | 3,174   | 47                    | 78     |
| <i>Totals—</i>   |   |  |  |                     |   |                     |   |   |   |                       |        |
| Inward—          |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 3,502   | 2,047                                    | 16,479   | 50                  | 22,716  | .....               | 22,310                                      | 3,088   | 252   | 10,476                | 20,927 |
| 1959.....        | 4,937   | 4,085                                    | 16,920   | 104                 | 1,502   | 325                 | 18,222                                      | 217   | 58  | 9,214                 | 17,338 |
| Outward—         |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 24,674  | 25,907                                   | 10,862   | 26,903              | 3,752   | 25,417              | 474   | 19,085  | 21,830  | 10,797                | 55     |
| 1959.....        | 9,147   | 15,311                                   | 8,684  | 19,844              | 8,924   | 17,541              | 94  | 8,918   | 17,656  | 8,270                 | 78     |
| <i>Total—</i>    |   |  |  |                     |   |                     |   |   |   |                       |        |
| 1960.....        | 28,176  | 27,954                                   | 27,341   | 26,953              | 26,468  | 25,417              | 22,784                                      | 22,173  | 22,082  | 21,273                | 20,982 |
| 1959.....        | 14,084  | 19,396                                   | 25,604   | 19,948              | 10,426  | 17,866              | 18,316                                      | 9,135   | 17,714  | 17,484                | 17,416 |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Brick  | Fruits,<br>dried | Vegetables,<br>canned or<br>preserved | Vegetable<br>Oils | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers | Electrical<br>Goods<br>not<br>otherwise<br>specified | Cocoa<br>Beans,<br>Cocoa<br>Prepa-<br>rations and<br>Chocolate<br>(except<br>Confec-<br>tionery) | All<br>Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|---|--------|------------------|---------------------------------------|-------------------|--|---|--|--|---|------------|
| <i>Foreign—</i>  |   |        |                  |                                       |                   |  |   |  |  |   |            |
| Inward—          |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 20,862  | 9,525  | 19,089           | 14,114                                | 9,807             | 14,296   | 10,202  | 13,141   | 16,648   | 413,519                                       | 6,469,144  |
| 1959.....        | 20,876  | 11,631 | 18,370           | 10,653                                | 7,507             | 34,157   | 9,830   | 15,321   | 12,851   | 575,726                                       | 6,088,061  |
| Outward—         |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 33  | 9,881  | 201              | 4,091                                 | 4,431             | 809  | 839   | 3,103  | 109  | 279,865                                       | 4,203,742  |
| 1959.....        | 54  | 5,753  | 12               | 3,578                                 | 908               | 403  | 135   | 5,637  | 216  | 340,399                                       | 3,937,310  |
| <i>Domestic—</i> |   |        |                  |                                       |                   |  |   |  |  |   |            |
| Inward—          |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        |   |        | 8                | 5                                     | 3,324             | 136  | 3,668   | 48   |  | 354,954                                       | 3,887,779  |
| 1959.....        |   |        | 1                | 9                                     | 4,274             |  | 2,387   | 56   |  | 140,650                                       | 3,786,734  |
| Outward—         |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 25  | 485    | 296              | 589                                   | 220               | 2,216  | 2,710   | 808  | 23   | 439,667                                       | 3,691,059  |
| 1959.....        | 5   | 275    | 329              | 428                                   | 457               | 1,187  | 563   | 659  | 2  | 355,686                                       | 3,908,376  |
| <i>Totals—</i>   |   |        |                  |                                       |                   |  |   |  |  |   |            |
| Inward—          |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 20,862  | 9,525  | 19,097           | 14,119                                | 13,131            | 14,432   | 13,870  | 13,189   | 16,648   | 768,473                                       | 10,356,923 |
| 1959.....        | 20,876  | 11,631 | 18,371           | 10,692                                | 11,781            | 34,157   | 12,217  | 15,377   | 12,851   | 716,376                                       | 9,874,795  |
| Outward—         |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 58  | 10,366 | 497              | 4,630                                 | 4,651             | 3,025  | 3,549   | 3,911  | 132  | 719,532                                       | 7,894,801  |
| 1959.....        | 59  | 6,028  | 341              | 4,006                                 | 1,365             | 1,590  | 698   | 6,296  | 218  | 696,085                                       | 7,845,686  |
| <i>Total—</i>    |   |        |                  |                                       |                   |  |   |  |  |   |            |
| 1960.....        | 20,920  | 19,891 | 19,594           | 18,799                                | 17,782            | 17,457   | 17,419  | 17,100   | 16,780   | 1,488,005                                     | 18,251,724 |
| 1959.....        | 20,935  | 17,659 | 18,712           | 14,698                                | 13,146            | 35,747   | 12,915  | 21,673   | 13,069   | 1,412,461                                     | 17,720,481 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

|                   | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1960.....         | 74,826  | 73,536   | 148,362 |
| 1959.....         | 91,683  | 81,403   | 173,086 |
| 1958.....         | 85,534  | 80,284   | 165,818 |
| 1957.....         | 101,075 | 68,021   | 169,096 |
| 1956.....         | 85,154  | 57,674   | 142,828 |
| <i>Coastwise—</i> |         |          |         |
| 1960.....         | 27,805  | 28,693   | 56,498  |
| 1959.....         | 29,844  | 29,703   | 59,547  |
| 1958.....         | 25,413  | 27,161   | 52,574  |
| 1957.....         | 28,959  | 30,783   | 59,742  |
| 1956.....         | 33,356  | 32,483   | 65,839  |
| <i>Total—</i>     |         |          |         |
| 1960.....         | 102,631 | 102,229  | 204,860 |
| 1959.....         | 121,527 | 111,106  | 232,633 |
| 1958.....         | 110,947 | 107,445  | 218,392 |
| 1957.....         | 130,034 | 98,804   | 228,838 |
| 1956.....         | 118,510 | 90,157   | 208,667 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1960, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1960.....         | 83,130,269  | 74,151,977  | 157,282,246 |
| 1959.....         | 85,468,415  | 78,877,093  | 164,345,508 |
| 1958.....         | 101,499,112 | 106,969,849 | 208,468,961 |
| 1957.....         | 71,423,251  | 69,719,227  | 141,142,478 |
| 1956.....         | 100,092,500 | 118,784,980 | 218,877,480 |
| <i>Via rail—</i>  |             |             |             |
| 1960.....         | 12,849,515  | 11,268,503  | 24,118,018  |
| 1959.....         | 17,280,186  | 12,619,756  | 29,899,942  |
| 1958.....         | 22,405,405  | 9,184,926   | 31,590,330  |
| 1957.....         | 13,930,502  | 7,461,348   | 21,391,850  |
| 1956.....         | 36,451,122  | 8,839,915   | 45,291,037  |
| <i>Via other—</i> |             |             |             |
| 1960.....         | 562,825     | 11,076,552  | 11,639,377  |
| 1959.....         | 239,129     | 10,337,277  | 10,576,406  |
| 1958.....         | 357,653     | 9,459,752   | 9,817,405   |
| 1957.....         | 731,316     | 9,272,813   | 10,004,129  |
| 1956.....         | 236,154     | 6,887,850   | 7,124,004   |
| <i>Total—</i>     |             |             |             |
| 1960.....         | 96,542,609  | 96,497,032  | 193,039,641 |
| 1959.....         | 102,987,730 | 101,834,126 | 204,821,856 |
| 1958.....         | 124,262,169 | 125,614,527 | 249,876,696 |
| 1957.....         | 86,085,069  | 86,453,388  | 172,538,457 |
| 1956.....         | 136,779,776 | 134,512,745 | 271,292,521 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1960, with comparison for 1959.

|  | 1960    | 1959    |
|--|---------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |         |         |
| Revenue cars.....  | 43,896  | 41,088  |
| Non-revenue cars.....  | 10,755  | 13,492  |
| Total.....   | 54,651  | 54,580  |
| <i>Delivered to connecting lines (except through cars)—</i>    |         |         |
| Revenue cars.....  | 20,405  | 24,622  |
| Non-revenue cars.....  | 33,483  | 29,828  |
| Total.....   | 53,888  | 54,450  |
| <i>Through cars from connecting lines to connecting lines—</i> |         |         |
| Revenue cars.....  | 1       | 2       |
| Non-revenue cars.....  |         |         |
| Total.....   | 1       | 2       |
| <i>Switched locally—</i>                                       |         |         |
| Revenue cars.....  | 2,137   | 2,155   |
| Non-revenue cars.....  |         |         |
| Total.....   | 2,137   | 2,155   |
| <i>Total—</i>  |         |         |
| Revenue cars.....  | 66,439  | 67,867  |
| Non-revenue cars.....  | 44,238  | 43,320  |
| Total.....   | 110,677 | 111,187 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$2,854,124. The principal items were the completion of the guniting of face of wharf at shed 11, section 17; relocation of stairs in transit sheds 7, 9, and 10; improvements to lighting facilities in transit sheds 4, 5, and 6; exterior painting of transit sheds 3, 5, and 6; interior painting of transit sheds 6 and 7; asphalt resurfacing of lower floors of transit sheds 8 and 10; renewal of 4 turnouts and curved tracks of lead to transit sheds 3, 7, and 9; replacement of standard slip diamond at section 13; renewal of tracks inside cold storage warehouse; improvements to track facilities at grain elevator No. 3; overhauling diesel locomotives Nos. 6 and 9; repairing, adjusting, and testing of grain elevator scales; replacement of 17 elevator belts and 7,686 elevator buckets; replacement of corrugated sheeting on windows at grain elevator No. 1; repairs and alterations to exterior concrete walls, grain elevator No. 2; completion of the re-wiring of the lighting system at grain elevator No. 2; supply and installation of new passenger elevators in grain elevators "B", 1, and 2; replacement of power distribution panels, conveyor system, grain elevators 1 and 2; replacement of concrete floor slab, conveyor system, grain elevators 1 and 2; reconditioning of 3 rooms in the cold storage warehouse; the resurfacing of the eighth floor, cold storage warehouse was completed; replacement of 1 water supply pump by 2 pumps; dry docking and repairing tug "Glenkeen" and one steel dump scow, and repairing 1 flat scow and 1 sounding scow.

## CAPITAL WORKS

Expenditures on capital account amount to \$13,055,549, of which \$947,900 was provided from replacement fund and \$1,100,000 from revenues. The principal items were:—

*Dredging Approach Channels, Sections 104 and 110.*—The construction of extensions to the Shell Oil and Montreal East wharves at



sections 104 and 110 necessitated the dredging of the approach channels. Marine Industries Limited was awarded a contract in August, 1956, for this work. The work was completed in November, 1960.

*Relocation of MacKay Pier.*—Part of the contract awarded to Marine Industries Limited in August, 1956, covered the relocation of MacKay pier. The work was completed in December, 1960.

*Dredging Approach Channel, Sections 54-56.*—The construction of wharf at sections 54-56 necessitated the dredging of the approach channel, also, a small area had to be dredged at section 66. In June, 1960, United Dredging Limited was awarded a contract for this work. The contract was completed in December, 1960.

*Supplying and Placing of Fill Material, Sections 94-96.*—In September 1959, a contract was awarded to Miron Construction Limited for the supply and placing of fill material at sections 94-96. The work was completed in January, 1960.

*Construction of Pier, Sections 54-56.*—A contract was awarded to McNamara (Quebec) Limited in January, 1959, for the construction of 2,000 linear feet of pier at sections 54-56 by means of the concrete crib and copewall method. The work was completed in August, 1960.

*Construction of Roadway with Drainage System and the Extension of a Water Supply System, Sections 57-61.*—A contract was awarded to Frank Lapan Limited in April, 1960, for the construction of a bituminous concrete paved road with a drainage system and the extension of a water supply system at sections 57-61. The work was completed in July, 1960.

*Placing of Fill Material, Sections 50-53.*—As part of the construction of the wharf extension at sections 50-53 it was necessary to fill the area behind the copewall. The work was approximately 90% completed by the end of 1960.

*Extension to Transit Shed, Sections 62-65.*—In September, 1959, a contract was awarded to J. G. Fitzpatrick Ltd. for the construction of a single-storey steel-frame extension to transit shed at sections 62-65, 150 feet wide by 697 feet long. The work was completed in June, 1960.

*Construction of Transit Shed, Section 50.*—J. G. Fitzpatrick Ltd. was awarded a contract in November, 1959, for the construction of a single-storey steel-frame transit shed, 150 feet wide by 500 feet long, at section 50. The work was completed in June, 1960.

*Construction of Transit Shed, Section 33.*—In September, 1960, a contract was awarded to R. E. Stewart Construction Corporation for the construction of a single-storey steel-frame transit shed, 100 feet wide by 396 feet long, at section 33. The work was approximately 72% completed by the end of 1960.

*Construction of Transit Shed, Section 49.*—Cambrian Construction Limited was awarded a contract in September, 1960, for the construction of a single-storey steel-frame transit shed, 150 feet wide by 500 feet long, at section 49. The work was approximately 41% completed by the end of the year.

*Construction of Permanent Offices, Transit Shed No. 6.*—During the course of the year fire escapes, latrines, a central heating system, and offices were constructed by Board forces in shed No. 6.

*Construction of Double Vehicular Ramp and Permanent Offices, Sheds Nos. 7 and 9, Section 16.*—In January, 1960, a contract was awarded to Leonard J. Weber Construction Co. for the construction of a double vehicular ramp and permanent offices in transit sheds Nos. 7 and 9, section 16. The work was completed in May, 1960.

*Construction of Permanent Offices and Latrine, Shed No. 10.*—Hiland Limited was awarded a contract in January, 1960, for the construction of permanent offices and latrine in transit shed No. 10. The work was completed in April, 1960.

*Construction of Rest Room, Shed No. 42.*—During the month of April, tenders were called, and accepted, for the construction of a rest room in transit shed No. 42. The work was completed in May, 1960.

*Installation of Heating System and Repairs to Offices and Toilets, Shed No. 25.*—During the year, Board forces installed a heating system and effected repairs to structures in shed No. 25. The work was completed in December, 1960.

*Paving Access Roadway to Transit Shed, Sections 62-65.*—As a result of the construction of transit shed at sections 62-65 a new access roadway was necessary. In November, 1959, tenders were called and a contract awarded to Miron Construction Limited, for the construction of a macadam base and bituminous concrete pavement at Racine Wharf, sections 61-62. The work was completed in June, 1960.

*Paving Wharf Area and Drainage, Sections 8W to 10W.*—In April, 1960, Miron Construction Limited was awarded a contract for the paving of wharf area and drainage at sections 8W to 10W. The work was completed in July, 1960.

*Paving Wharf Areas, Sections 39, 40, and 42.*—In May, 1960, a contract was awarded to The Highway Paving Company Limited for the paving of wharf areas at sections 39 and 40 consisting of bituminous concrete pavement and macadam base. The work was completed in June, 1960. A contract was also awarded to Miron Construction Limited in May, 1960, for the paving of the wharf area at section 42 consisting of bituminous concrete pavement on a macadam base. The work was completed in June, 1960.

*Paving of Wharf Areas, Sections 45, 47, 48, and 49.*—Miron Construction Limited was awarded a contract in June, 1960, for the paving of wharf areas at sections 45, 47, 48, and 49. The work was completed in August, 1960.

*Construction of Railroad Tracks, Sections 45, 47, 48, and 49.*—Consequent to the paving of the wharf areas at sections 45, 47, 48, and 49 it was necessary to relocate the railway tracks at sections 45, 47, 48, and 49. The work was performed by Board forces in 1960.

*Construction of Railroad Tracks, Sections 58-61.*—Consequent upon the construction of the wharf extension at sections 58-61, new railroad tracks were constructed. The work was performed by Board forces and completed in July, 1960.

*Installation of Safety Gates on Freight Hoists.*—In February, 1958, a contract was awarded to J. & E. Hall Limited for the installation of safety gates on freight hoists. The work was approximately 90% completed by the end of 1960.

*Construction of Grain Elevator No. 4 and Marine Towers, Section 56.*—In November, 1960, a contract was awarded to Louis Donolo Inc. for the construction of pile foundations for elevator No. 4. The work was approximately 7% completed by the end of the year.

*Supply and Installation of Dust Control System in Grain Elevator "B" and "B" Annex.*—In March, 1959, Ross Engineering of Canada Limited was awarded a contract for the supply and installation of a dust control system in grain elevator "B" and "B" annex. The work was completed in December, 1960.

*Rest Room and Toilet Facilities, Grain Elevator "B" and B-1.*—Changes in grain elevator "B" and the construction of grain elevator B-1 necessitated the construction of a new rest room and toilet facilities. The work is being done by Board forces and is scheduled for completion early in 1961.

*Automatic Telephone Switchboard for Grain Elevators Nos. 1 and 2 and Connecting Galleries.*—Consequent to the new extensions installed at grain elevators Nos. 1 and 2 and connecting galleries, tenders were called, and accepted, for the purchase of an automatic telephone switchboard to be installed by Board forces in 1961.

*Additional Power Requirements, Sub-stations Nos. 3 and 5.*—Consequent upon changes and additions to grain elevators No. 3 and "B" and new galleries on Tarte Pier, additional power requirements were necessary. During 1958, tenders were called, and accepted, for the purchase of power transformers and power distribution switchboard. By the end of 1960, the installation at sub-station No. 3 was 90% completed and sub-station No. 5 was 98% completed.

*Replacement of Offices, Grain Elevator No. 1.*—In September, 1960, tenders were called, and accepted, for the construction of offices on the river side of grain elevator No. 1. The work was completed in December, 1960.

*Construction of Boiler Room and Garage, Elevator No. 1.*—In November, 1960, tenders were called, and accepted, for the construction of a boiler room and garage at grain elevator No. 1. The work is scheduled for completion in January, 1961.

*Construction of Permanent-Structure Restaurants.*—During the course of the year tenders were called, and accepted, for the construction of 5 permanent-structure restaurants to be located at Victoria Pier, near shed No. 8, under Jacques Cartier Bridge, at the west end of grain elevator No. 3, and at section 50. All these structures were completed before the end of the navigation season 1960.

*Purchase of Restaurants.*—During 1960, the Board purchased 7 privately-owned restaurants situated at various locations on the harbour front. All transactions were completed during the year.



*Signs at Harbour Entrances.*—In April, tenders were called, and accepted, for the supply of aluminum letters and symbols for signs at harbour entrances. The work was performed by Board forces and completed in July, 1960.

*Modifications to Marine Towers, Elevator No. 1.*—In December, 1960, a contract was awarded to Foresteel Products Limited for modifications to marine towers, elevator No. 1. Completion of this work is expected early in 1961.

*Construction of Champlain Bridge.*—A number of contracts were awarded in connection with this work. McNamara (Quebec) Limited was awarded a contract in June, 1959, for the extension of St. Pierre Collector Outlet. The work was completed in November, 1960. The Foundation Company of Quebec Ltd. was awarded a contract in July, 1958, for the construction of piers and abutments for section 3. The work was completed in October, 1960. Creaghan & Archibald Limited was awarded a contract in July, 1959, for the construction of superstructure, section 3. The work is scheduled for completion in July, 1961. In June, 1959, McNamara (Quebec) Limited, The Key Construction Inc., and Deschamps & Belanger Ltee., was awarded a contract for the construction of piers and superstructure, sections 5 and 7A. The contract was approximately 74% completed in 1960. A contract was awarded in October, 1959, to Dominion Bridge Company Limited for the construction of superstructure, section 6. The contract was approximately 27% completed by the end of the year. A. Janin & Company Limited was awarded a contract in June, 1960, for the construction of abutment, piers and prestressed concrete superstructure, section 7B. The contract is scheduled to be completed in June, 1961. Two contracts were awarded to Charles Duranceau Ltee. One of these, awarded in September, was for the supply and placing of fill material for the main roadway embankment, section 2. The work is scheduled to be completed in May, 1961. The second contract, awarded in November, is for the construction of the main overpass, section 2. This contract is scheduled for completion in June, 1961. Tenders were called, and accepted, for the supply and placing of fill at Nuns' Island. The work was completed in May. In February, tenders were called, and a contract was awarded to Pressure Pipe Co. of Canada Ltd. for the fabrication of precast prestressed concrete beams for the overpass on Nuns' Island, section 4. The installation and construction of the superstructure was performed by Board forces and the work was completed in June. In August, tenders were called, and accepted, for test borings at Toll Plaza, section 4. The work was completed in October, 1960.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Construction of quarters for railway maintenance at section 29; construction of a loading platform at the cold storage warehouse; construction of an 8-inch water line at Windmill Point; construction of rooms for the storage of grain elevator buckets and belts; construction of examining rooms in transit sheds for Customs Officers; extension of existing sprinkler system in offices, and installation of exhaust fans at the cold storage warehouse; the purchase of a new launch, 1 lathe, 6 automobiles, 3 trucks, 1 snow blower attachment for the payloader, 1 bulldozer, 1 fire pump for the tug "Sir Hugh Allan", 1 echo sounder, 1 mobile welding machine, equipment for the guniting crew pallets and pallet transporters, and the replacement of 1 mobile air compressor.



## INCOME AND EXPENSE

Operating income amounted to \$10,862,437, as compared with \$9,460,587 in 1959, the increase being \$1,401,850. Operating expenses were \$7,644,245, as compared with \$6,358,410 in 1959. Net operating income was \$3,218,192 in 1960, as against \$3,102,177 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$1,382,409, as compared with a net loss of \$465,641 in 1959.

The foregoing figures are exclusive of the operations of Jacques Cartier Bridge, for which separate accounts are kept.

# Harbour of Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1960

### (EXCLUDING JACQUES CARTIER BRIDGE)

#### ASSETS

|  |                     |
|--|---------------------|
| CURRENT—   |                     |
| Cash.....  | \$ 1,284,920        |
| Accounts Receivable.....   | 1,601,022           |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 860,127             |
| Accrued Income.....  | 286,107             |
| Prepaid Expenses.....  | 15,474              |
|  | <u>\$ 3,027,650</u> |

|   |         |
|---|---------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS..... | 762,086 |
|---|---------|

#### RESERVE FUNDS—

|   |                   |
|---|-------------------|
| (Cash, \$187,746; bonds, at amortized cost, \$27,918,134) |                   |
| Replacement of Capital Assets.....                        | 25,806,885        |
| Fire and General Insurance.....                           | 2,298,995         |
|   | <u>28,105,880</u> |

|                                 |         |
|---------------------------------|---------|
| DEBIT BALANCES IN SUSPENSE..... | 142,579 |
|---------------------------------|---------|

|                                       |       |
|---------------------------------------|-------|
| PRELIMINARY CAPITAL EXPENDITURES..... | 7,701 |
|---------------------------------------|-------|

#### CAPITAL ASSETS—

(At cost or estimated cost)

|                                      |                    |
|--------------------------------------|--------------------|
| Harbour Dredging.....                | 14,111,242         |
| Real Estate.....                     | 2,253,094          |
| Roads, Fences and Boundaries.....    | 1,453,542          |
| Sewers and Drains.....               | 159,983            |
| Miscellaneous Structures.....        | 422,542            |
| Wharves and Piers.....               | 42,095,899         |
| Permanent Sheds.....                 | 13,902,417         |
| Shed Hoists and Electric Cranes..... | 394,235            |
| Railway System.....                  | 4,901,326          |
| Grain Elevator System.....           | 32,396,310         |
| Cold Storage System.....             | 3,285,437          |
| Office Furniture and Appliances..... | 129,611            |
| Harbour Buildings.....               | 665,965            |
| Central Heating Plants.....          | 16,579             |
| Harbour Shops.....                   | 244,666            |
| Electric Power System.....           | 1,016,815          |
| Water Supply System.....             | 1,444,907          |
| Floating Equipment.....              | 794,632            |
| Shore Equipment.....                 | 504,139            |
| Miscellaneous Small Plant.....       | 135,817            |
| Works under Construction.....        | 19,031,661         |
|                                      | <u>138,360,819</u> |

#### LIABILITIES

|  |                  |
|--|------------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 695,885       |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 1,565,467        |
| CONTRACTORS' HOLDBACKS.....                            | 1,174,109        |
| DEFERRED INCOME.....                                   | 123,002          |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 762,086          |
|  | <u>4,320,549</u> |

|   |              |
|---|--------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—<br>Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$ 5,526,950 |
| Loans and Advances.....   | 127,663,652  |
| Interest in arrears on Loans and Advances.....  | 6,577,958    |

#### RESERVES—

|                                    |                    |
|------------------------------------|--------------------|
| Replacement of Capital Assets..... | \$ 30,704,657      |
| Fire and General Insurance.....    | 2,298,995          |
|                                    | <u>33,003,652</u>  |
|                                    | <u>172,772,212</u> |

#### DEDUCT: DEFICIT—

|  |                  |
|--|------------------|
| Balance at Beginning of Year.....                                  | 5,208,913        |
| Add: Prior Years' Adjustments (Net).....                           | 94,724           |
| Net Loss for the year, per statement<br>of Income and Expense..... | 1,382,409        |
| Balance at End of Year.....  | <u>6,686,046</u> |

166,086,166

\$170,406,715

\$170,406,715

## HARBOUR OF MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

(EXCLUDING JACQUES CARTIER BRIDGE)

## OPERATING INCOME—

## Harbour—

|                       |            |            |
|-----------------------|------------|------------|
| Harbour Dues.....     | \$ 115,402 |            |
| Property Rentals..... | 39,838     |            |
| Miscellaneous.....    | 41,569     |            |
|                       |            | \$ 196,809 |

## Wharves and Piers—

|                          |           |           |
|--------------------------|-----------|-----------|
| Top Wharfage.....        | 3,531,060 |           |
| Dockage.....             | 943,719   |           |
| Wharf Space Rentals..... | 540,267   |           |
| Miscellaneous.....       | 51,100    |           |
|                          |           | 5,066,146 |

## Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 1,522,460 |           |
| Storage.....       | 1,118,004 |           |
| Miscellaneous..... | 130,121   |           |
|                    |           | 2,770,585 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 410,616 |         |
| Miscellaneous..... | 109,534 |         |
|                    |         | 520,150 |

## Permanent Sheds—

|                    |           |           |
|--------------------|-----------|-----------|
| Shed Rentals.....  | 1,014,424 |           |
| Storage.....       | 44,907    |           |
| Miscellaneous..... | 317       |           |
|                    |           | 1,059,648 |

## Railway System.....

|                             |         |  |
|-----------------------------|---------|--|
| Miscellaneous Services..... | 641,426 |  |
|                             | 607,673 |  |

\$ 10,862,437

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$131,468 for dredging)..... | 894,022   |           |
| Wharves and Piers.....                          | 349,322   |           |
| Grain Elevator System.....                      | 3,120,751 |           |
| Cold Storage System.....                        | 506,447   |           |
| Permanent Sheds.....                            | 346,120   |           |
| Railway System.....                             | 974,688   |           |
| Miscellaneous Services.....                     | 787,820   |           |
|   |           | 6,979,170 |

## Administrative—

|   |         |         |
|---|---------|---------|
| Salaries.....   | 184,991 |         |
| Contributions to Public Service Superannuation Account..... | 177,108 |         |
| Office Expenses.....  | 23,378  |         |
| Miscellaneous.....  | 279,598 |         |
|   |         | 665,075 |

7,644,245

NET OPERATING INCOME..... 3,218,192

## Add: OTHER INCOME—

|   |           |           |
|---|-----------|-----------|
| Income from Investments (less \$86,593 transferred to Reserves other than that, for Replacement of Capital Assets)..... | 1,001,929 |           |
| Miscellaneous.....  | 138,530   |           |
|   |           | 1,140,459 |
|   |           | 4,358,651 |

## Deduct: SPECIAL CHARGES—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 3,856,786 |           |
| Provision for Replacement of Capital Assets.....  | 1,721,399 |           |
| Other.....  | 162,875   |           |
|   |           | 5,741,060 |

NET LOSS..... \$ 1,382,409

# JACQUES CARTIER BRIDGE—MONTREAL

## TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1960, with comparison for 1959.

|                                      | 1960       | 1959       |
|--------------------------------------|------------|------------|
| Passengers in vehicles.....          |            | *2,350,735 |
| Automobiles (Passenger).....         | 13,796,027 | 10,253,156 |
| Buses (commuted rates).....          | 357,983    | 360,229    |
| Buses (regular rate) and trucks..... | 2,284,862  | 1,484,479  |

\*No charge for passengers in vehicles from April 1, 1959.

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$303,982. The work consisted of replacing one steel armoured electric cable and the existing lighting system by fluorescent units; stripping corrugated sheeting forms under traffic lanes; reinforcing concrete beam, north side of Pavilion; renumbering steel posts, upstream side; repairing expansion joints; painting of central span from pier 23 to pier 26; alterations to pedestrian access between Pavilion and St. Helen's Island, and building accommodation for sanding material.

### CAPITAL WORKS

Expenditures on capital account amounted to \$100,577, which amount was provided from bridge revenues. The principal items were:—

*Traffic Sign Supports.*—A contract was awarded to Industrial Maintenance Limited in December, 1959, for the supply and erection of traffic sign supports on the bridge. The work was completed in May, 1960.

*Small Traffic Sign Supports, South Approaches.*—During the month of August, 1959, tenders were called, and accepted, for the supply, delivery, and placing of small traffic sign supports at the south approaches. The work was completed in July, 1960.

*Directional Signs and Supports, South Approaches.*—In June, 1960, tenders were called, and accepted, for the supply and placing of directional signs and supports at the south approaches. The work was completed in October, 1960.

*Toll Booths.*—During the month of February, 1959, tenders were called, and accepted, for the fabrication of toll booths for the toll collection plaza. The work was completed in September, 1960.

*Electric Dumbwaiter.*—In April, tenders were invited, and accepted, for one electric dumbwaiter installed by Board forces in the Administration Building. The installation was completed in September, 1960.

*Safety Equipment.*—During the month of September, Board forces started building 5 rolling steel scaffolds to be used while painting the understructure. Two were built to fit on the upstream side and 3 for the downstream side. The work was completed in December, 1960.



## INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$3,354,276, as compared with \$2,354,815 in 1959. Operating and maintenance expenses were \$738,556 as compared with \$699,598 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit in 1960 of \$1,790,514, as compared with a net profit of \$779,651 in the previous year.

## Jacques Cartier Bridge—Montreal

## BALANCE SHEET AS AT DECEMBER 31, 1960

| ASSETS  |                     | LIABILITIES   |                      |
|---|---------------------|---|----------------------|
| <b>CURRENT—</b>   |                     | <b>ACCOUNTS PAYABLE—GENERAL.....</b>                          |                      |
| Cash.....   | \$ 233,984          |   | \$ 69,074            |
| Accounts Receivable.....  | 81,430              |   |                      |
| Inventories of Operating and Maintenance Supplies,<br>at cost.....    | 27,284              | <b>ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....</b>         | 4,483                |
| Accrued Income.....   | 30,908              | <b>DEFERRED INCOME.....</b>                                   | 106,172              |
| Prepaid Expenses.....   | 33,024              | <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA).....</b> | 767                  |
|   | <u>\$ 406,630</u>   |   | <u>180,496</u>       |
| <b>INVESTMENTS IN BONDS—</b>  |                     |   |                      |
| (At amortized cost, market value \$4,746,352).....                    | 4,718,709           | <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>        |                      |
|   |                     | Loans and Advances—   |                      |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS.....</b>                  | 767                 | Capital Debt.....   | \$14,926,000         |
|   |                     | Deficit Debt.....   | 6,489,605            |
| <b>RESERVE FUNDS—</b>   |                     | Interest in Arrears on Deficit Debt.....                      | 7,345,171            |
| (Cash, \$45,364; bonds, at amortized cost, \$472,746)                 |                     |   |                      |
| Special Maintenance.....  | 518,110             | <b>Reserves—</b>  |                      |
|   |                     | Replacement of Capital Assets. \$ 4,716,810                   |                      |
| <b>DUE FROM THE PROVINCE OF QUEBEC—</b>                               |                     | Special Maintenance.....                                      | 518,110              |
| Under agreement to share Jacques Cartier Bridge                       |                     |   | <u>5,234,920</u>     |
| deficits.....   | 744,425             |   | 33,995,696           |
|   |                     |   |                      |
| <b>DEFERRED CHARGE—</b>   |                     | <b>Deduct: Deficit—</b>                                       |                      |
| Unamortized Balance of bond discount and redemp-<br>tion expense..... | 541,782             | Balance at Beginning of Year.....                             | 6,933,511            |
|   |                     | <b>Less: Net income for the year, per statement of</b>        |                      |
| <b>CAPITAL ASSETS—</b>  |                     | Income and Expense.....                                       | 1,790,514            |
| (At cost)   |                     | <b>Balance at End of Year.....</b>                            | <u>5,142,997</u>     |
| Bridge Construction and Right-of-Way, etc.....                        | 22,102,772          |   | 28,852,699           |
|   | <u>\$29,033,195</u> |   | <u>\$ 29,033,195</u> |

## JACQUES CARTIER BRIDGE—MONTREAL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

|                      |             |                    |
|----------------------|-------------|--------------------|
| Bridge Tolls.....    | \$3,298,362 |                    |
| Sundry Receipts..... | 55,914      |                    |
|                      |             | <u>\$3,354,276</u> |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                  |           |                |
|------------------|-----------|----------------|
| Operation.....   | \$354,114 |                |
| Maintenance..... | 303,983   |                |
|                  |           | <u>658,097</u> |

## Administrative—

|   |        |               |
|---|--------|---------------|
| Salaries.....   | 31,657 |               |
| Contributions to Public Service Superannuation Account..... | 9,898  |               |
| Office Expenses.....  | 3,811  |               |
| Miscellaneous.....  | 35,093 |               |
|   |        | <u>80,459</u> |

738,556

NET OPERATING INCOME..... 2,615,720

## ADD: OTHER INCOME—

|  |         |                |
|--|---------|----------------|
| Income from Investments (less \$20,121 transferred to reserves)..... | 166,930 |                |
| Miscellaneous.....   | 13,225  |                |
|  |         | <u>180,155</u> |
|  |         | 2,795,875      |

## DEDUCT: SPECIAL CHARGES—

|  |         |                  |
|--|---------|------------------|
| Provision for Interest on Loans and Advances.....        | 734,945 |                  |
| Provision for Replacement of Capital Assets.....         | 204,757 |                  |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334  |                  |
| Other.....   | 4,325   |                  |
|  |         | <u>1,005,361</u> |

NET INCOME..... \$1,790,514

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,00 bushels with 4 travelling marine towers, each with an unloading capacity of 35,000 bushels per hour, and facilities to load ocean vessels at the rate of 80,000 bushels per hour; 5,400 linear feet of wharf, and adequate railway trackage. A transit shed 200 feet by 60 feet is available for the handling of general cargo.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1960, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1960.....         | 20,974,119 | 10,354,718 | 31,328,837  |
| 1959.....         | 29,193,479 | 17,394,262 | 46,587,741  |
| 1958.....         | 68,195,782 | 56,255,231 | 124,451,013 |
| 1957.....         | 42,909,666 | 31,979,317 | 74,888,983  |
| 1956.....         | 51,701,236 | 40,355,693 | 92,056,929  |
| <i>Via rail—</i>  |            |            |             |
| 1960.....         | 6,349      | 5,536,387  | 5,542,736   |
| 1959.....         | 58,892     | 6,523,334  | 6,582,226   |
| 1958.....         | 30,616     | 8,075,012  | 8,105,628   |
| 1957.....         | 12,495     | 7,600,996  | 7,613,491   |
| 1956.....         | 68,788     | 7,980,057  | 8,048,845   |
| <i>Via other—</i> |            |            |             |
| 1960.....         | 14,303     | 5,867,354  | 5,881,657   |
| 1959.....         | 28,531     | 5,014,968  | 5,043,499   |
| 1958.....         | 21,773     | 3,732,410  | 3,754,183   |
| 1957.....         |            | 3,232,983  | 3,232,983   |
| 1956.....         |            | 3,254,064  | 3,254,064   |
| <i>Total—</i>     |            |            |             |
| 1960.....         | 20,994,771 | 21,758,459 | 42,753,230  |
| 1959.....         | 29,280,902 | 28,932,564 | 58,213,466  |
| 1958.....         | 68,248,171 | 68,062,653 | 136,310,824 |
| 1957.....         | 42,922,161 | 42,813,296 | 85,735,457  |
| 1956.....         | 51,707,024 | 51,589,814 | 103,359,838 |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$107,315. The principal items were replacing 26 fabricated steel doors; completion of painting of the exterior binwalls commenced in 1959; painting of "National Harbours Board—Prescott" on the river side and front of elevator facing the highway; repairing of the railway system by the Canadian National Railway forces, and general maintenance and repairs.

### CAPITAL WORKS

Expenditures on capital account amounted to \$26,319, which amount was provided from revenues. The principal items were:—

*Additions to Ship Loading Facilities.*—A contract was awarded to Jeffrey Manufacturing Company Ltd. in May, 1959, for the supply and installation of additions to ship loading facilities. The work was completed in March, 1960.



*Dredging of Slips.*—In June, 1960, a contract was awarded to Ray Weldon for the work of completing the dredging of slips. The work was completed in November, 1960.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Construction of a roadway to service the transit shed erected by the Department of Public Works and which is to be administered by the National Harbours Board, a loading ramp, and a rolling fender system to protect grain spouts from damage by vessels; installation of one hand-fired steam boiler, and purchase of a mobile air compressor.

### INCOME AND EXPENSE

Operating income amounted to \$882,058, as compared with \$876,474 in 1959. Operating expenses were \$465,771, as against \$472,566 in the previous year. Net operating income was \$416,287, as compared with \$403,908 in 1959.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net profit was \$466,231 in 1960, as compared with \$442,475 in the previous year.

# Prescott Elevator

## BALANCE SHEET AS AT DECEMBER 31, 1960

### ASSETS

|  |                   |
|--|-------------------|
| CURRENT—   |                   |
| Cash.....  | \$ 246,519        |
| Accounts Receivable.....   | 166,046           |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 27,449            |
|  | <u>\$ 440,014</u> |
| INVESTMENTS IN BONDS—  |                   |
| (at amortized cost, market value \$611,686).....                   | 603,686           |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      | 4,340             |

|   |                  |
|---|------------------|
| RESERVE FUNDS—  |                  |
| (Cash, \$10,970; bonds, at amortized cost, \$1,875,066) |                  |
| Replacement of Capital Assets.....                      | 1,873,537        |
| Fire and General Insurance.....                         | 12,499           |
|   | <u>1,886,036</u> |

|                                      |                  |
|--------------------------------------|------------------|
| CAPITAL ASSETS—                      |                  |
| (at cost or estimated cost)          |                  |
| Harbour Dredging.....                | 262,843          |
| Real Estate.....                     | 96,698           |
| Roads, Fences and Boundaries.....    | 11,941           |
| Wharves and Piers.....               | 742,855          |
| Railway System.....                  | 373,249          |
| Grain Elevator System.....           | 3,756,575        |
| Office Furniture and Appliances..... | 7,667            |
| Miscellaneous Small Plant.....       | 12,599           |
| Works under Construction.....        | 836              |
|                                      | <u>5,285,263</u> |

### LIABILITIES

|  |               |
|--|---------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 18,247     |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 4,426         |
| CONTRACTORS' HOLDBACKS.....                            | 3,919         |
| DEFERRED INCOME.....                                   | 2,959         |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 4,340         |
|  | <u>33,891</u> |

|   |              |
|---|--------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |              |
| Assets transferred to the Board on its establishment, and subsequently..... | \$ 4,895,940 |

|   |                  |
|---|------------------|
| RESERVES—                                   |                  |
| Replacement of Capital Assets. \$ 1,816,375 |                  |
| Fire and General Insurance.....             | 12,499           |
|   | <u>1,828,874</u> |
|   | 6,724,814        |

|                                     |                |
|-------------------------------------|----------------|
| ADD: SURPLUS—                       |                |
| Balance at Beginning of Year.....   | 979,212        |
| Less: Prior Years' Adjustments..... | 4,809          |
|                                     | <u>974,403</u> |

|   |                  |
|---|------------------|
| ADD: Net Income for the year, per Statement<br>of Income and Expense..... | 466,231          |
| Balance at End of Year.....   | <u>1,440,634</u> |

|  |                     |
|--|---------------------|
|  | 8,165,448           |
|  | <u>\$ 8,199,339</u> |

|  |                     |
|--|---------------------|
|  | <u>\$ 8,199,339</u> |
|--|---------------------|

## PRESCOTT ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

## Harbour—

|                       |          |
|-----------------------|----------|
| Property Rentals..... | \$ 7,416 |
|-----------------------|----------|

## Wharves and Piers—

|                          |        |
|--------------------------|--------|
| Top Wharfage.....        | \$ 848 |
| Dockage.....             | 307    |
| Wharf Space Rentals..... | 5,157  |
| Miscellaneous.....       | 130    |
|                          | <hr/>  |
|                          | 6,442  |

## Grain Elevator System—

|                    |         |
|--------------------|---------|
| Elevation.....     | 383,282 |
| Storage.....       | 455,685 |
| Miscellaneous..... | 28,960  |
|                    | <hr/>   |
|                    | 867,927 |

|                     |           |
|---------------------|-----------|
| Railway System..... | 273       |
|                     | <hr/>     |
|                     | \$882,058 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 396,146 |
|----------------------------|---------|

## Administrative—

|   |         |
|---|---------|
| Salaries.....   | 29,541  |
| Contributions to Public Service Superannuation Account..... | 9,524   |
| Office Expenses.....  | 2,977   |
| Miscellaneous.....  | 27,583  |
|   | <hr/>   |
|   | 69,625  |
|   | <hr/>   |
|   | 465,771 |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 416,287 |
|---------------------------|---------|

## ADD: OTHER INCOME—

|   |         |
|---|---------|
| Income from Investments (less \$365 transferred to Reserves other than that for Replacement of Capital Assets)..... | 106,120 |
| Miscellaneous.....  | 15,246  |
|   | <hr/>   |
|   | 121,366 |
|   | <hr/>   |
|   | 537,653 |

## DEDUCT: SPECIAL CHARGES—

|  |        |
|--|--------|
| Provision for Replacement of Capital Assets..... | 71,411 |
| Other.....                                       | 11     |
|  | <hr/>  |
|  | 71,422 |

|                 |           |
|-----------------|-----------|
| NET INCOME..... | \$466,231 |
|-----------------|-----------|

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by the National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels with 4 marine legs having an unloading capacity of 18,000 bushels per hour each, and vessel loading facilities of 5 shipping spouts and 5 shipping bins with a loading capacity of 100,000 bushels per hour.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1960, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1960.....         | 8,762,108  | 6,952,890  | 15,714,998  |
| 1959.....         | 18,845,465 | 17,707,975 | 36,553,440  |
| 1958.....         | 46,200,300 | 44,324,824 | 90,525,124  |
| 1957.....         | 33,778,759 | 31,358,705 | 65,137,464  |
| 1956.....         | 51,273,072 | 48,912,806 | 100,185,878 |
| <i>Via rail—</i>  |            |            |             |
| 1960.....         |            | 312,535    | 312,535     |
| 1959.....         |            | 368,577    | 368,577     |
| 1958.....         | 1,707      | 691,897    | 693,604     |
| 1957.....         |            | 651,876    | 651,876     |
| 1956.....         |            | 648,910    | 648,910     |
| <i>Via other—</i> |            |            |             |
| 1960.....         |            | 1,244,833  | 1,244,833   |
| 1959.....         |            | 1,053,498  | 1,053,498   |
| 1958.....         |            | 1,189,351  | 1,189,351   |
| 1957.....         |            | 1,428,538  | 1,428,538   |
| 1956.....         |            | 1,153,678  | 1,153,678   |
| <i>Total—</i>     |            |            |             |
| 1960.....         | 8,762,108  | 8,510,258  | 17,272,366  |
| 1959.....         | 18,845,465 | 19,130,050 | 37,975,515  |
| 1958.....         | 46,202,007 | 46,206,072 | 92,408,079  |
| 1957.....         | 33,778,759 | 33,439,119 | 67,217,878  |
| 1956.....         | 51,273,072 | 50,715,394 | 101,988,466 |

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$76,922. The principal items were repairs to exterior walls of the elevator annex, and marine leg winches; relining of shipper bin hoppers; drying and varnishing coils, and inspection of bearings of motors on bottom floor of the elevator.

### INCOME AND EXPENSE

Operating income amounted to \$454,086, as compared with \$550,653 in 1959, a decrease of \$96,567. Operating expenses were \$284,564, the corresponding figure for 1959 being \$347,728. Net operating income was \$169,522, as compared with \$202,925 in 1959.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net profit was \$173,474 in 1960, as compared with \$195,650 in the previous year.



**Port Colborne Elevator**  
BALANCE SHEET AS AT DECEMBER 31, 1960

| ASSETS   |             | LIABILITIES                                     |             |
|--|-------------|---|-------------|
| CURRENT—   |             | ACCOUNTS PAYABLE—GENERAL.....                   |             |
| Cash.....  | \$ 168,788  |   | \$ 14,294   |
| Accounts Receivable.....   | 153,992     |   |             |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 69,026      | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA— |             |
| Prepaid Expenses.....  | 45          | Assets transferred to the Board on              |             |
|  |             | its establishment, and subsequently.....        | \$2,356,218 |
|  | \$ 391,851  | Reserves—                                       |             |
| INVESTMENTS IN BONDS—  |             | Replacement of Capital Assets.....              | \$1,440,102 |
| (At amortized cost, market value \$307,874).....                   | 302,588     | Fire and General Insurance.....                 | 8,254       |
|  |             |   | 1,448,356   |
| RESERVE FUNDS—   |             |   | 3,804,574   |
| (Cash, \$28,219; bonds, at amortized cost, \$665,958)              |             |   |             |
| Replacement of Capital Assets.....                                 | 685,923     |   |             |
| Fire and General Insurance.....                                    | 8,254       |   |             |
|  |             |   |             |
| PRELIMINARY CAPITAL EXPENDITURES.....                              | 694,177     | Add: Surplus—                                   |             |
|  | 16,807      | Balance at Beginning of Year.....               | 102,556     |
|  |             | Add: Prior Years' Adjustments (Net).....        | 392         |
|  |             | Net income for the year, per statement of       |             |
|  |             | Income and Expense.....                         | 173,474     |
|  |             |   |             |
| CAPITAL ASSETS—  |             | Balance at End of Year.....                     | 276,422     |
| (At cost or estimated cost)  |             |   |             |
| Real Estate.....   | 21,876      |   |             |
| Wharves and Piers.....   | 535,692     |   |             |
| Railway System.....  | 42,189      |   |             |
| Grain Elevator System.....   | 2,047,305   |   |             |
| Office Furniture and Appliances.....                               | 9,891       |   |             |
| Miscellaneous Small Plant.....                                     | 32,914      |   |             |
|  | 2,689,867   |   |             |
|  | \$4,095,290 |   |             |
|  |             |   | 4,080,996   |
|  |             |   | \$4,095,290 |

## PORT COLBORNE ELEVATOR

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

## Harbour—

|                       |    |     |
|-----------------------|----|-----|
| Property Rentals..... | \$ | 444 |
|-----------------------|----|-----|

## Grain Elevator System—

|                    |    |         |                |
|--------------------|----|---------|----------------|
| Elevation.....     | \$ | 133,186 |                |
| Storage.....       |    | 308,625 |                |
| Miscellaneous..... |    | 11,831  |                |
|                    |    |         | <u>453,642</u> |
|                    |    |         | 454,086        |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 232,563 |
|----------------------------|---------|

## Administrative—

|  |    |               |                |
|--|----|---------------|----------------|
| Salaries.....  | \$ | 20,864        |                |
| Contributions to Public Service Superannuation Account.... |    | 10,677        |                |
| Office Expenses.....                                       |    | 2,455         |                |
| Miscellaneous.....   |    | 18,005        |                |
|  |    | <u>52,001</u> | <u>284,564</u> |
|  |    |               | 169,522        |

|                           |  |  |  |
|---------------------------|--|--|--|
| NET OPERATING INCOME..... |  |  |  |
|---------------------------|--|--|--|

## Add: OTHER INCOME—

|   |               |                |
|---|---------------|----------------|
| Income from Investments ( <i>less</i> \$164 transferred to Reserves other than that for Replacement of Capital Assets)..... | 48,105        |                |
| Miscellaneous.....  | 248           |                |
|   | <u>48,353</u> | <u>217,875</u> |

## Deduct: SPECIAL CHARGES—

|  |               |  |
|--|---------------|--|
| Provision for Replacement of Capital Assets..... | 41,936        |  |
| Other.....                                       | 2,465         |  |
|  | <u>44,401</u> |  |

|                 |    |         |
|-----------------|----|---------|
| NET INCOME..... | \$ | 173,474 |
|-----------------|----|---------|

## HARBOUR OF CHURCHILL

The harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to ocean navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 2,055 linear feet of wharf providing 4 deepsea berths, with a depth of water alongside of 30 feet at low tide, and 1 berth for coastal shipping with a minimum depth of 15 feet at low tide; a steel transit shed 476 feet long by 173 feet wide; a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of 3 ships at a time; railway tracks along the wharf; a locomotive crane of 15-tons capacity; a floating crane of 10-tons capacity; a 2½ cubic yard crawler crane, and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

#### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 87                      | 288,905                      |
| 1959.....          | 88                      | 287,794                      |
| 1958.....          | 83                      | 257,249                      |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,772                      |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 87                      | 288,905                      |
| 1959.....          | 87                      | 287,789                      |
| 1958.....          | 83                      | 257,249                      |
| 1957.....          | 66                      | 197,829                      |
| 1956.....          | 67                      | 186,922                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960                    |                              | 1959                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| <i>Arrivals—</i>                                      |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 52                      | 248,665                      | 60                      | 255,639                      |
| Coastal or inland commercial (including fishery)..... | 35                      | 40,240                       | 28                      | 32,155                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 87                      | 288,905                      | 88                      | 287,794                      |
| <i>Departures—</i>                                    |                         |                              |                         |                              |
| Deepsea or ocean-going commercial.....                | 52                      | 248,665                      | 60                      | 255,639                      |
| Coastal or inland commercial (including fishery)..... | 35                      | 40,240                       | 27                      | 32,150                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 87                      | 288,905                      | 87                      | 287,789                      |

(Exclusive of naval vessels)

# TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:* Tons—weight(2,000 lbs.) or measurement (40 cu. ft.)

| —                | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1960.....        | 73,766 | 589,317 | 663,083 |
| 1959.....        | 42,569 | 655,991 | 698,560 |
| 1958.....        | 33,421 | 592,851 | 626,272 |
| 1957.....        | 21,043 | 498,280 | 519,323 |
| 1956.....        | 2,589  | 487,510 | 490,099 |
| <i>Domestic—</i> |        |         |         |
| 1960.....        | 21,446 | 15,525  | 36,971  |
| 1959.....        | 22,230 | 15,995  | 38,225  |
| 1958.....        | 21,570 | 11,475  | 33,045  |
| 1957.....        | 180    | 6,242   | 6,422   |
| 1956.....        | 232    | 9,456   | 9,688   |
| <i>Total—</i>    |        |         |         |
| 1960.....        | 95,212 | 604,842 | 700,054 |
| 1959.....        | 64,799 | 671,986 | 736,785 |
| 1958.....        | 54,991 | 604,326 | 659,317 |
| 1957.....        | 21,223 | 504,522 | 525,745 |
| 1956.....        | 2,821  | 496,966 | 499,787 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

# GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1960, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1960.....         | 19,793,906 | 19,793,906 | 19,793,906 |
| 1959.....         | 22,077,941 | 22,077,941 | 22,077,941 |
| 1958.....         | 20,109,555 | 20,109,555 | 20,109,555 |
| 1957.....         | 16,770,206 | 16,770,206 | 16,770,206 |
| 1956.....         | 16,442,320 | 16,442,320 | 16,442,320 |
| <i>Via rail—</i>  |            |            |            |
| 1960.....         | 19,910,741 | 19,910,741 | 19,910,741 |
| 1959.....         | 22,432,665 | 54,471     | 22,487,136 |
| 1958.....         | 20,260,662 | 20,260,662 | 20,260,662 |
| 1957.....         | 16,898,942 | 99,000     | 16,997,942 |
| 1956.....         | 17,584,282 | 10,587     | 17,594,869 |
| <i>Via other—</i> |            |            |            |
| 1960.....         |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| 1956.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1960.....         | 19,910,741 | 19,793,906 | 39,704,647 |
| 1959.....         | 22,432,665 | 22,132,412 | 44,565,077 |
| 1958.....         | 20,260,662 | 20,109,555 | 40,370,217 |
| 1957.....         | 16,898,942 | 16,869,206 | 33,768,148 |
| 1956.....         | 17,584,282 | 16,452,907 | 34,037,189 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$250,633. The principal items were repairing grain elevator equipment and replacing some spouts and turn-head casting on elevator gallery; purchase of three elevator conveyor belts; dismantling and checking of the powerhouse turbines and overhauling diesel; sounding of the harbour, and the carrying out of general repairs and upkeep of all harbour buildings and equipment.

## CAPITAL WORKS

Capital expenditures amounted to \$695,807, of which \$446,435 was provided from revenues. The principal items were:—

*Repairs to Dredge and Dredging.*—A contract was awarded to C. A. Pitts General Contractor Ltd. in February, 1960, for the repairing of Churchill Dredge No. 2, and the dredging required for extensions to the existing wharf, and widening and deepening of the turning basin and all channels. The dredge repairs were completed in July, 1960, and the dredging operation, which started on July 12th, was terminated for the season on October 7th. A total of 161,300 cubic yards was dredged from crib seat areas.

*Construction of a 450 Cubic Yard Dump Scow.*—In December, 1960, a contract was awarded to Kingston Shipyards, Division of Canadian Shipbuilding & Engineering Ltd. for the construction of a 450 cubic yard dump scow. Delivery is scheduled for May, 1961.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Purchase of a crawler tractor, V. H. F. radio-telephone system, one tug, cook-house mechanical equipment and shop equipment, and the purchase and installation of a radar set in the tug "Graham Bell"; construction of a dock office to house stevedore and shipping companies, and a walk-in cooler for No. 2 cook-house.

## INCOME AND EXPENSE

Operating income amounted to \$1,306,329, as compared with \$1,389,862 in 1959. Operating expenses were \$1,142,209, as against \$1,151,033 in the previous year. Net operating income was \$164,120 in 1960, as compared with \$238,829 in 1959.

After taking into account other income and deducting special charges, including interest on debt and provision for the replacement of capital assets, there was a net loss of \$191,530 in 1960, as compared with a net loss of \$84,159 in the previous year.

# Harbour of Churchill

## BALANCE SHEET AS AT DECEMBER 31, 1960

### ASSETS

|  |                   |
|--|-------------------|
| <b>CURRENT—</b>  |                   |
| Cash.....  | \$ 276,587        |
| Accounts Receivable.....   | 38,879            |
| Inventories of Operating and Maintenance Supplies,<br>at cost..... | 150,154           |
| Accrued Income.....  | 70,352            |
|  | <u>\$ 535,972</u> |

|  |         |
|--|---------|
| <b>INVESTMENTS IN BONDS—</b>                     |         |
| (At amortized cost, market value \$100,344)..... | 100,344 |

|   |        |
|---|--------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS..... | 62,108 |
|---|--------|

|  |                |
|--|----------------|
| <b>RESERVE FUNDS—</b>                                |                |
| (Cash \$86,738; bonds, at amortized cost, \$450,502) |                |
| Replacement of Capital Assets.....                   | 450,666        |
| Fire and General Insurance.....                      | 20,920         |
| Special Maintenance.....                             | 65,654         |
|  | <u>537,240</u> |

|  |            |
|--|------------|
| <b>PRELIMINARY CAPITAL EXPENDITURES.....</b> | <b>700</b> |
|--|------------|

|                                       |                   |
|---------------------------------------|-------------------|
| <b>CAPITAL ASSETS—</b>                |                   |
| (At cost or estimated cost)           |                   |
| Harbour Dredging.....                 | 982,699           |
| Real Estate.....                      | 60,278            |
| Miscellaneous Structures.....         | 148,513           |
| Wharves and Piers.....                | 1,492,830         |
| Permanent Sheds.....                  | 200,595           |
| Grain Elevator System.....            | 5,229,563         |
| Office Furniture and Appliances.....  | 13,907            |
| Harbour Buildings.....                | 707,093           |
| Harbour Shops.....                    | 20,502            |
| Electric Power System.....            | 885,042           |
| Water Supply System.....              | 441,312           |
| Floating Equipment.....               | 1,172,737         |
| Shore Equipment.....                  | 233,557           |
| Miscellaneous Small Plant.....        | 324,115           |
| Engineering—General Surveys.....      | 109,441           |
| Works under Construction.....         | 308,036           |
| Sundry Expenditure—Undistributed..... | 4,336,716         |
|                                       | <u>16,636,938</u> |

\$17,873,302

### LIABILITIES

|  |           |
|--|-----------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 19,487 |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 38,681    |
| CONTRACTORS' HOLDBACKS.....                    | 44,351    |

|                      |       |
|----------------------|-------|
| DEFERRED INCOME..... | 5,290 |
|----------------------|-------|

|  |        |
|--|--------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 62,108 |
|--|--------|

169,917

|  |              |
|--|--------------|
| <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>                           |              |
| Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$12,867,802 |
| Loans and Advances.....  | 3,288,356    |
| Interest in Arrears on Loans and Advances.....                                   | 595,637      |

|                                    |                   |
|------------------------------------|-------------------|
| <b>RESERVES—</b>                   |                   |
| Replacement of Capital Assets..... | \$5,608,154       |
| Fire and General Insurance.....    | 20,920            |
| Special Maintenance.....           | 65,654            |
|                                    | <u>5,694,728</u>  |
|                                    | <u>22,446,523</u> |

|                                     |                  |
|-------------------------------------|------------------|
| <b>Deduct: Deficit—</b>             |                  |
| Balance at Beginning of Year.....   | 4,551,618        |
| Less: Prior Years' Adjustments..... | 10               |
|                                     | <u>4,551,608</u> |

|   |                |
|---|----------------|
| <b>Add: Net Loss for the year, per statement of<br/>Income and Expense.....</b> | <b>191,530</b> |
|---|----------------|

|                             |           |
|-----------------------------|-----------|
| Balance at End of Year..... | 4,743,138 |
|-----------------------------|-----------|

17,703,385

\$17,873,302

## HARBOUR OF CHURCHILL

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

## Harbour—

|                       |          |           |
|-----------------------|----------|-----------|
| Harbour Dues.....     | \$ 3,011 |           |
| Property Rentals..... | 32,306   |           |
|                       |          | \$ 35,317 |

## Wharves and Piers—

|                    |        |        |
|--------------------|--------|--------|
| Top Wharfage.....  | 65,139 |        |
| Dockage.....       | 20,738 |        |
| Miscellaneous..... | 15     |        |
|                    |        | 85,892 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 440,663 |         |
| Storage.....       | 285,413 |         |
| Miscellaneous..... | 245,874 |         |
|                    |         | 971,950 |

## Permanent Sheds—

|              |       |  |
|--------------|-------|--|
| Storage..... | 2,696 |  |
|--------------|-------|--|

|                             |         |             |
|-----------------------------|---------|-------------|
| Miscellaneous Services..... | 210,474 |             |
|                             |         | \$1,306,329 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|  |         |         |
|--|---------|---------|
| Harbour (including \$41,787 for dredging)..... | 151,990 |         |
| Wharves and Piers.....                         | 33,657  |         |
| Grain Elevator System.....                     | 597,530 |         |
| Permanent Sheds.....                           | 7,892   |         |
| Miscellaneous Services.....                    | 199,413 |         |
|  |         | 990,482 |

## Administrative—

|  |        |         |
|--|--------|---------|
| Salaries.....  | 80,389 |         |
| Contributions to Public Service Superannuation Account.... | 20,129 |         |
| Office Expenses.....                                       | 6,032  |         |
| Miscellaneous.....   | 45,177 |         |
|  |        | 151,727 |

|                           |  |           |
|---------------------------|--|-----------|
| NET OPERATING INCOME..... |  | 1,142,209 |
|                           |  | 164,120   |

## Add: OTHER INCOME—

|  |        |         |
|--|--------|---------|
| Income from Investments (less \$3,833 transferred to Reserves<br>other than that for Replacement of Capital Assets)..... | 21,227 |         |
| Miscellaneous.....   | 309    |         |
|  |        | 21,536  |
|  |        | 185,656 |

## Deduct: SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 102,648 |         |
| Provision for Replacement of Capital Assets.....  | 246,153 |         |
| Other.....  | 28,385  |         |
|   |         | 377,186 |

|               |  |            |
|---------------|--|------------|
| NET LOSS..... |  | \$ 191,530 |
|---------------|--|------------|

## HARBOUR OF VANCOUVER

The harbour of Vancouver, situated in Burrard inlet on the west coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan de Fuca, is served by the Canadian National, Canadian Pacific, Pacific Great Eastern, and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 39 feet. The National Harbours Board has piers, wharves, and jetties with about 11,900 linear feet of berthing, providing 21 deepsea berths and 3 berths for coastal shipping, also 7 transit sheds with an aggregate floor area of about 678,000 square feet. The Board's 4 grain elevators have a total storage capacity of 10,838,500 bushels, a combined loading capacity of about 200,000 bushels per hour and 1½ miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and scow pools for the storage and shipment of timber. Three special wharves are also provided for the fishing industry, one being complete with a shed, a small ice plant and freezing equipment for processing fish. A 40-ton fixed derrick is installed on Lapointe Pier.

## SHIPPING

### VESSELS—ARRIVALS AND DEPARTURES

Statement showing number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparisons for previous years.

|                    | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|--------------------|-------------------------|------------------------------|
| <i>Arrivals—</i>   |                         |                              |
| 1960.....          | 28,792                  | 21,574,337                   |
| 1959.....          | 29,099                  | 20,639,242                   |
| 1958.....          | 30,123                  | 18,803,504                   |
| 1957.....          | 31,433                  | 21,169,505                   |
| 1956.....          | 33,031                  | 21,675,067                   |
| <i>Departures—</i> |                         |                              |
| 1960.....          | 29,452                  | 21,820,759                   |
| 1959.....          | 28,973                  | 20,561,510                   |
| 1958.....          | 29,735                  | 18,845,713                   |
| 1957.....          | 30,997                  | 21,147,711                   |
| 1956.....          | 32,788                  | 21,542,409                   |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived and departed during calendar year 1960, with comparison for 1959.

|   | 1960              |                        | 1959              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| <i>Arrivals—</i>                                      |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,771             | 8,141,297              | 1,609             | 7,275,479              |
| Coastal or inland commercial (including fishery)..... | 27,021            | 13,433,040             | 27,490            | 13,363,763             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 28,792            | 21,574,337             | 29,099            | 20,639,242             |
| <i>Departures—</i>                                    |                   |                        |                   |                        |
| Deepsea or ocean-going commercial.....                | 1,779             | 8,185,338              | 1,591             | 7,200,331              |
| Coastal or inland commercial (including fishery)..... | 27,673            | 13,635,421             | 27,382            | 13,361,179             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 29,452            | 21,820,759             | 28,973            | 20,561,510             |

(Exclusive of naval vessels)

## TRAFFIC

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1960, with comparisons for previous years.

*Basis:*Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1960.....        | 1,157,163 | 5,832,673 | 6,989,836  |
| 1959.....        | 1,210,110 | 5,311,380 | 6,521,490  |
| 1958.....        | 1,020,507 | 5,280,253 | 6,300,760  |
| 1957.....        | 1,377,832 | 6,503,139 | 7,880,971  |
| 1956.....        | 1,657,486 | 5,765,332 | 7,422,818  |
| <i>Domestic—</i> |           |           |            |
| 1960.....        | 3,216,781 | 2,173,814 | 5,390,595  |
| 1959.....        | 3,004,178 | 1,909,311 | 4,913,489  |
| 1958.....        | 3,388,647 | 1,940,224 | 5,328,871  |
| 1957.....        | 3,217,351 | 2,024,178 | 5,241,529  |
| 1956.....        | 3,638,407 | 2,300,079 | 5,938,486  |
| <i>Total—</i>    |           |           |            |
| 1960.....        | 4,373,944 | 8,006,487 | 12,380,431 |
| 1959.....        | 4,214,288 | 7,220,691 | 11,434,979 |
| 1958.....        | 4,409,154 | 7,220,477 | 11,629,631 |
| 1957.....        | 4,595,183 | 8,527,317 | 13,122,500 |
| 1956.....        | 5,295,893 | 8,065,411 | 13,361,304 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1960, with comparison for 1959.

*Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and<br>Square<br>Timber | Sand<br>and<br>Gravel | Petroleum<br>Oil,<br>fuel | Logs,<br>Masts,<br>Piling,<br>Pitropis,<br>Poles,<br>Posts,<br>Spars<br>and Ties<br>(railway) | Coal,<br>bituminous | Pulpwood | Gasoline | Wood-Pulp | Hog Fuel | Paper,<br>newsprint |
|------------------|-----------|--|-----------------------|---------------------------|---|---------------------|----------|----------|-----------|----------|---------------------|
| <i>Foreign—</i>  |           |  |                       |                           |   |                     |          |          |           |          |                     |
| Inward—          |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        |           | 11,490   | 10,884                | 77,314                    | 493   | .....               | .....    | 28,151   | .....     | .....    | .....               |
| 1959.....        |           | 15,916   | 46,948                | 84,874                    | 970   | .....               | .....    | 26,350   | 65        | .....    | .....               |
| Outward—         |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | 3,638,266 | 643,375  | .....                 | 5,928                     | 52,915  | 510,498             | 158,650  | 95,439   | 8,444     | 106,588  | 6,288               |
| 1959.....        | 4,108,325 | 424,843  | .....                 | 4,211                     | 34,443  | .....               | 131,633  | 63,671   | 6,345     | 77,769   | 4,966               |
| <i>Domestic—</i> |           |  |                       |                           |   |                     |          |          |           |          |                     |
| Inward—          |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | .....     | 541,246  | 1,132,004             | .....                     | 479,476   | 9,258               | .....    | .....    | 331,591   | .....    | 224,874             |
| 1959.....        | .....     | 487,216  | 1,038,822             | .....                     | 459,657   | 17,077              | .....    | 642      | 284,690   | .....    | 251,206             |
| Outward—         |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | .....     | 15,886   | 10,591                | 593,373                   | 45,754  | 21,693              | 283,690  | 301,731  | .....     | 163,782  | .....               |
| 1959.....        | .....     | 10,132   | 32,157                | 541,925                   | 52,045  | 33,409              | 179,916  | 293,235  | .....     | 130,773  | .....               |
| <i>Totals—</i>   |           |  |                       |                           |   |                     |          |          |           |          |                     |
| Inward—          |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | .....     | 552,736  | 1,142,888             | 77,314                    | 479,969   | 9,258               | .....    | 28,151   | 331,591   | .....    | 224,874             |
| 1959.....        | .....     | 503,132  | 1,085,770             | 84,874                    | 460,627   | 17,080              | .....    | 26,992   | 294,755   | .....    | 251,206             |
| Outward—         |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | 3,638,266 | 650,261  | 10,591                | 599,301                   | 98,669  | 532,191             | 442,340  | 397,170  | 8,444     | 270,370  | 6,288               |
| 1959.....        | 4,108,325 | 434,975  | 32,157                | 546,136                   | 86,488  | 33,409              | 311,549  | 356,906  | 6,345     | 208,542  | 4,966               |
| Total—           |           |  |                       |                           |   |                     |          |          |           |          |                     |
| 1960.....        | 3,638,266 | 1,211,997  | 1,153,479             | 676,615                   | 578,638   | 541,449             | 442,340  | 425,321  | 340,035   | 270,370  | 231,162             |
| 1959.....        | 4,108,325 | 938,107  | 1,117,927             | 631,010                   | 547,115   | 50,489              | 311,549  | 383,898  | 291,100   | 208,542  | 256,172             |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Flour,<br>wheat | Motor<br>Vehicles<br>and<br>parts | Fertilizer<br>and<br>Fertilizer<br>Materials | Cement,<br>common<br>or<br>portland | Sugar,<br>raw | Rock<br>and Stone | Salt   | Chemicals<br>not<br>otherwise<br>specified | Machinery<br>and<br>Parts<br>(except<br>Agri-<br>cultural) | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoops,<br>Plates,<br>Rods,<br>Sheets,<br>Strip and<br>Tin Plate | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures |
|------------------|-----------------|-----------------------------------|--|-------------------------------------|---------------|-------------------|--------|--|--|---|--|
| <i>Foreign—</i>  |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| Inward—          |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        |                 | 173,872                           | 4,299  | 1,531                               | 111,199       | 447               | 90,897 | 11,386                                     | 12,941   | 60,149  | 3,088  |
| 1959.....        |                 | 183,323                           | 2,822  | 1,240                               | 86,119        | 384               | 84,295 | 11,859                                     | 12,863   | 57,768  | 13,763   |
| Outward—         |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        | 220,154         | 1,282                             | 113,032                                      |                                     |               |                   |        | 14,032                                     | 2,192  | 6,017   | 24,545   |
| 1959.....        | 218,043         | 1,478                             | 11,884                                       | 721                                 |               |                   |        | 13,430                                     | 2,811  | 966   | 20,553   |
| <i>Domestic—</i> |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| Inward—          |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        |                 | 1,066                             | 2,355  | 108,137                             |               | 29,575            |        |  | 18,118   |   | 39,390   |
| 1959.....        |                 | 1,042                             | 9,931  | 154,689                             |               | 11,895            |        |  | 22,244   |   | 20,921   |
| Outward—         |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        | 245             | 6,077                             |  | 9,438                               |               | 69,953            | 192    | 64,435                                     | 43,386   | 2,017   |  |
| 1959.....        | 140             | 4,428                             | 16   | 6,190                               |               | 51,710            | 540    | 75,007                                     | 58,080   | 981   |  |
| <i>Totals—</i>   |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| Inward—          |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        |                 | 174,938                           | 6,654  | 109,668                             | 111,199       | 30,022            | 90,897 | 11,386                                     | 31,059   | 60,149  | 42,478   |
| 1959.....        |                 | 184,365                           | 12,753                                       | 155,929                             | 86,119        | 12,279            | 84,295 | 11,859                                     | 35,107   | 57,768  | 34,084   |
| Outward—         |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        | 220,399         | 7,359                             | 113,032                                      | 9,438                               |               | 69,953            | 192    | 78,467                                     | 45,578   | 8,034   | 24,545   |
| 1959.....        | 218,183         | 5,906                             | 11,900                                       | 6,911                               |               | 51,710            | 540    | 88,437                                     | 60,891   | 1,947   | 20,553   |
| Total—           |                 |                                   |  |                                     |               |                   |        |  |  |   |  |
| 1960.....        | 220,399         | 182,297                           | 119,686                                      | 119,106                             | 111,199       | 99,975            | 91,089 | 89,853                                     | 76,637   | 68,183  | 67,023   |
| 1959.....        | 218,183         | 190,271                           | 24,653                                       | 162,840                             | 86,119        | 63,989            | 84,835 | 100,296                                    | 95,998   | 59,715  | 55,237   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Dry Goods not otherwise specified | Ores and Concentrates not otherwise specified | Grain Products (Mill Products except Wheat Flour) | Iron or Steel Tubes, Pipe and Fittings | Groceries not otherwise specified | China-ware, Earthen-ware and Porcelain-ware | Toys   | Wood, Laths, Pickets, Plywoods, Shingles and Veneers | Cotton Manufactures not otherwise specified | Iron or Steel Manufactures not otherwise specified | Iron or Steel Wire and Manufactures |
|------------------|-----------------------------------|---|---|--|-----------------------------------|---|--------|--|---|--|-------------------------------------|
| <i>Foreign—</i>  |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| Inward—          |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 43,430                            | 1,036   | 73  | 40,985                                 | 9,309                             | 34,566                                      | 30,126 | 17,963   | 28,678                                      | 23,058   | 24,417                              |
| 1959.....        | 37,035                            | 17,137  | 179   | 40,916                                 | 8,903                             | 29,048                                      | 24,643 | 28,946   | 27,123                                      | 27,485   | 29,820                              |
| Outward—         |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 733                               | 18,466  | 41,636  | .....                                  | .....                             | .....                                       | 90     | 5,451  | .....                                       | 321  | 30                                  |
| 1959.....        | 133                               | 514   | 39,002  | 390                                    | 97                                | 26  | 81     | 6,002  | .....                                       | 1,271  | 274                                 |
| <i>Domestic—</i> |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| Inward—          |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | .....                             | 28,373  | .....   | .....                                  | .....                             | .....                                       | .....  | 4,765  | .....                                       | 446  | .....                               |
| 1959.....        | .....                             | 14,944  | 80  | .....                                  | .....                             | .....                                       | .....  | 4,880  | .....                                       | 423  | .....                               |
| Outward—         |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 14,760                            | .....   | 3,825   | 453                                    | 27,781                            | .....                                       | .....  | 1,187  | .....                                       | 2,154  | 463                                 |
| 1959.....        | 1,688                             | .....   | 2,599   | 747                                    | 18,109                            | .....                                       | .....  | 823  | 219   | 7,678  | 454                                 |
| <i>Totals—</i>   |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| Inward—          |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 43,430                            | 29,409  | 73  | 40,985                                 | 9,309                             | 34,566                                      | 30,126 | 22,728   | 28,678                                      | 23,504   | 24,417                              |
| 1959.....        | 37,035                            | 32,081  | 259   | 40,916                                 | 8,903                             | 29,048                                      | 24,643 | 33,776   | 27,123                                      | 27,908   | 29,820                              |
| Outward—         |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 15,493                            | 18,466  | 45,461  | 453                                    | 27,781                            | .....                                       | 90     | 6,638  | .....                                       | 2,475  | 493                                 |
| 1959.....        | 1,821                             | 514   | 41,601  | 1,137                                  | 18,206                            | 26  | 81     | 7,425  | 219   | 8,949  | 728                                 |
| <i>Total—</i>    |                                   |   |   |  |                                   |   |        |  |   |  |                                     |
| 1960.....        | 58,923                            | 47,875  | 45,524  | 41,438                                 | 37,090                            | 34,566                                      | 30,216 | 29,366   | 28,678                                      | 25,979   | 24,910                              |
| 1959.....        | 38,856                            | 32,595  | 41,860  | 42,053                                 | 27,109                            | 29,074                                      | 24,724 | 41,201   | 27,342                                      | 36,857   | 30,548                              |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fish<br>(including<br>Shell-fish)<br>fresh<br>or frozen | Fish<br>(including<br>Shell-fish)<br>canned or<br>preserved | Glass<br>and Glass<br>Manu-<br>factures | Beverages,<br>alcoholic | Fruits,<br>fresh not<br>otherwise<br>specified | Tallow,<br>inedible | Creosote<br>Oil | Sulphur | Hardware<br>not<br>otherwise<br>specified | Zinc<br>Spelter | Iron<br>or Steel,<br>structural |
|------------------|---|---|---|-------------------------|--|---------------------|-----------------|---------|---|-----------------|---------------------------------|
| <i>Foreign—</i>  |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| Inward—          |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 6,719   | 3,922   | 22,973                                  | 11,980                  | 22,317   | .....               | 20,943          | .....   | 3,496                                     | .....           | 16,552                          |
| 1959.....        | 5,154   | 3,656   | 26,916                                  | 10,921                  | 18,530   | .....               | 12,748          | .....   | 2,560                                     | .....           | 19,101                          |
| Outward—         |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 2,389   | 9,303   | .....                                   | 1,523                   | .....  | 19,340              | .....           | 1,609   | .....                                     | 18,615          | .....                           |
| 1959.....        | 803   | 17,299  | 2                                       | 1,898                   | .....  | 20,769              | .....           | .....   | .....                                     | 5,681           | .....                           |
| .....988         |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| <i>Domestic—</i> |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| Inward—          |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 14,167  | 9,898   | .....                                   | 1,989                   | .....  | 987                 | .....           | .....   | .....                                     | .....           | 74                              |
| 1959.....        | 20,857  | 9,442   | .....                                   | 1,915                   | .....  | .....               | .....           | .....   | .....                                     | .....           | 200                             |
| Outward—         |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 56  | .....   | .....                                   | 7,211                   | .....  | 707                 | .....           | 18,830  | 15,972                                    | 263             | 2,046                           |
| 1959.....        | 100   | 56  | 5                                       | 9,551                   | .....  | .....               | .....           | 16,558  | 2,163                                     | 746             | 1,993                           |
| <i>Totals—</i>   |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| Inward—          |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 20,886  | 13,820  | 22,973                                  | 13,969                  | 22,317   | 987                 | 20,943          | .....   | 3,496                                     | .....           | 16,626                          |
| 1959.....        | 26,011  | 13,098  | 26,916                                  | 12,836                  | 18,530   | .....               | 12,748          | .....   | 2,560                                     | .....           | 19,301                          |
| Outward—         |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 2,445   | 9,303   | .....                                   | 8,734                   | .....  | 20,047              | .....           | 20,439  | 15,972                                    | 18,878          | 2,046                           |
| 1959.....        | 903   | 17,355  | 7                                       | 11,479                  | .....  | 20,769              | .....           | 16,558  | 2,163                                     | 6,427           | 2,981                           |
| <i>Total—</i>    |   |   |   |                         |  |                     |                 |         |   |                 |                                 |
| 1960.....        | 23,331  | 23,123  | 22,973                                  | 22,703                  | 22,317   | 21,034              | 20,943          | 20,439  | 19,408                                    | 18,878          | 18,672                          |
| 1959.....        | 26,914  | 30,453  | 26,923                                  | 24,315                  | 18,530   | 20,769              | 12,748          | 16,558  | 4,723                                     | 6,427           | 22,282                          |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Fish Oils | Zinc Ore | Paper, not<br>otherwise<br>specified | Petroleum<br>Oil,<br>refined not<br>otherwise<br>specified | Coffee<br>Beans and<br>Coffee<br>Prepa-<br>rations | Lime   | Salt-cake | Feed,<br>animal or<br>poultry not<br>otherwise<br>specified | Jute<br>and<br>Jute<br>Manu-<br>factures | All<br>Goods<br>not<br>other-<br>wise<br>specified | Total      |
|------------------|-----------|----------|--------------------------------------|--|--|--------|-----------|---|--|--|------------|
| <i>Foreign—</i>  |           |          |                                      |  |  |        |           |   |  |  |            |
| Inward—          |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 135       | 1,611    | 3,092                                | 9,704  | 16,277   |        |           |   | 13,721                                   | 151,939  | 1,157,163  |
| 1959.....        | 264       | 9,007    | 3,778                                | 10,783   | 16,895   |        |           | 160   | 14,080                                   | 154,760  | 1,210,110  |
| Outward—         |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 10,456    |          | 10,438                               |  |  |        |           | 13,287  |  | 71,341   | 5,832,673  |
| 1959.....        | 12,050    |          | 7,544                                | 43   |  |        |           | 14,350  | 66                                       | 55,405   | 5,311,380  |
| <i>Domestic—</i> |           |          |                                      |  |  |        |           |   |  |  |            |
| Inward—          |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 7,700     | 16,214   | 1,188                                |  |  | 13,449 |           |   |  | 200,441  | 3,216,781  |
| 1959.....        | 13,630    | 4,726    | 255                                  |  |  | 16,965 |           |   |  | 155,879  | 3,004,178  |
| Outward—         |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        |           |          | 2,752                                | 6,844  |  | 1,424  | 13,859    | 570   |  | 420,414  | 2,173,814  |
| 1959.....        |           |          | 4,745                                | 15,504   |  | 1,456  |           | 573   |  | 352,830  | 1,909,311  |
| <i>Totals—</i>   |           |          |                                      |  |  |        |           |   |  |  |            |
| Inward—          |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 7,835     | 17,825   | 4,280                                | 9,704  | 16,277   | 13,449 |           |   | 13,721                                   | 352,380  | 4,373,944  |
| 1959.....        | 13,894    | 13,733   | 4,033                                | 10,783   | 16,895   | 16,965 |           | 160   | 14,080                                   | 310,639  | 4,214,238  |
| Outward—         |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 10,456    |          | 13,190                               | 6,844  |  | 1,424  | 13,859    | 13,857  |  | 491,755  | 8,006,487  |
| 1959.....        | 12,050    |          | 12,289                               | 15,547   |  | 1,456  |           | 14,923  | 66                                       | 408,235  | 7,220,691  |
| <i>Total—</i>    |           |          |                                      |  |  |        |           |   |  |  |            |
| 1960.....        | 18,291    | 17,825   | 17,470                               | 16,548   | 16,277   | 14,873 | 13,859    | 13,857  | 13,721                                   | 844,135  | 12,380,431 |
| 1959.....        | 25,944    | 13,733   | 16,322                               | 26,330   | 16,895   | 18,421 |           | 15,083  | 14,146                                   | 718,874  | 11,434,979 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1960, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1960.....         | 7,831   | 8,494    | 16,325    |
| 1959.....         | 6,078   | 6,898    | 12,976    |
| 1958.....         | 5,574   | 4,859    | 10,433    |
| 1957.....         | 6,432   | 4,431    | 10,862    |
| 1956.....         | 5,049   | 4,356    | 9,405     |
| <i>Coastwise—</i> |         |          |           |
| 1960.....         | 472,645 | 512,035  | 984,680   |
| 1959.....         | 590,081 | 593,120  | 1,183,201 |
| 1958.....         | 476,066 | 494,199  | 970,265   |
| 1957.....         | 731,753 | 750,779  | 1,482,532 |
| 1956.....         | 703,411 | 709,795  | 1,413,206 |
| <i>Total—</i>     |         |          |           |
| 1960.....         | 480,476 | 520,529  | 1,001,005 |
| 1959.....         | 596,159 | 600,018  | 1,196,177 |
| 1958.....         | 481,640 | 499,058  | 980,698   |
| 1957.....         | 738,185 | 755,210  | 1,493,395 |
| 1956.....         | 708,460 | 714,151  | 1,422,611 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1960, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1960.....         |             | 128,100,146 | 128,100,146 |
| 1959.....         |             | 145,894,474 | 145,894,474 |
| 1958.....         |             | 135,632,512 | 135,632,512 |
| 1957.....         |             | 138,385,580 | 138,385,580 |
| 1956.....         |             | 121,262,008 | 121,262,008 |
| <i>Via rail—</i>  |             |             |             |
| 1960.....         | 128,141,290 | 912,295     | 129,053,585 |
| 1959.....         | 146,944,991 | 2,084,010   | 149,029,001 |
| 1958.....         | 138,354,342 | 1,512,515   | 139,866,857 |
| 1957.....         | 141,553,239 | 2,061,796   | 143,615,035 |
| 1956.....         | 124,052,383 | 1,694,928   | 125,747,311 |
| <i>Via other—</i> |             |             |             |
| 1960.....         |             | 465,781     | 465,781     |
| 1959.....         |             | 552,695     | 552,695     |
| 1958.....         |             | 387,139     | 387,139     |
| 1957.....         | 13,445      | 474,408     | 487,853     |
| 1956.....         | 4,831       | 710,161     | 714,992     |
| <i>Total—</i>     |             |             |             |
| 1960.....         | 128,141,290 | 129,478,222 | 257,619,512 |
| 1959.....         | 146,944,991 | 148,531,179 | 295,476,170 |
| 1958.....         | 138,354,342 | 137,532,166 | 275,886,508 |
| 1957.....         | 141,566,684 | 140,921,784 | 282,488,468 |
| 1956.....         | 124,057,214 | 123,667,097 | 247,724,311 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$385,356. The principal items were removal of siltation at various berths; repaving the Board's portion of Stewart Street; renewing deck at Campbell Avenue Fishermen's Wharf, and track canopies, Ballantyne Pier; substitution of brick curtain walls for excess doors, Ballantyne Pier, and painting of No. 3 jetty grain galleries.

## CAPITAL WORKS

Capital expenditures amounted to \$1,793,433, of which \$200,000 was provided from replacement fund and \$1,399,812 was provided from Board revenues. The principal items were:—

*Construction of Transit Shed No. 2, Centennial Pier.*—A contract was awarded to Northern Construction Company & J. W. Stewart Limited in October, 1959, for the construction of a transit shed 506 feet long by 203 feet wide, with steel wall framing and timber glulam roof beams, on Centennial Pier. This work was completed in September, 1960.

*Construction of Office Building, Centennial Pier.*—A contract was awarded to Howe Construction Co. Ltd. in December, 1959, for the construction of an office building on Centennial Pier. This work was completed in June, 1960.

*Paving of Apron and Open Areas, Centennial Pier.*—In November, 1959, a contract was awarded to Commonwealth Construction Company Limited for the paving of approximately 56,000 square yards of open area and the southerly half of the east apron on Centennial Pier. This work was completed in October, 1960.

*Cargo Cranes, Centennial Pier.*—A contract was awarded to Hydraulic Service and Equipment Co. Ltd., and J. Pohlig A. G., in September, 1959, for the supply and installation of 4 cargo cranes on Centennial Pier. Two cranes were delivered in November and their erection immediately undertaken. Delivery of the other two cranes is expected in January, 1961.

*Refrigeration and Ice Manufacturing Equipment, Cold Storage Plant.*—In September, 1959, a contract was awarded to J. & E. Hall (Canada) Limited for the supply and installation of refrigeration and ice manufacturing equipment in the cold storage plant. The work was completed in October, 1960.

*Reconstruction of Cold Storage Building.*—Due to the deteriorated condition of the cold storage building at the time of the awarding of the contract for the installation of the refrigerating and ice manufacturing equipment, it was decided to demolish the old building completely and erect a new structure. In this connection, a contract was awarded to Amundsen Construction Co. Ltd. in February, 1960, and construction completed in May, 1960.

*Pelleting Plant, No. 3 Elevator.*—A contract for the supply and installation of a pelleting plant in No. 3 elevator was awarded to Commonwealth Construction Company, Limited, in September, 1960. Approximately 60% of the work was completed by the end of the year.



*Replacement of M. V. "Brockton II".*—A contract was awarded to Bel Aire Shipyards Limited in November, 1959, for the supply of a 30-foot wooden patrol launch to replace the M. V. "Brockton II". Delivery of the vessel was effected in March, 1960.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Paving waterfront roadway from Dunlevy Avenue to Heatley Avenue; replacement of radar equipment at First Narrows Signal Station (50% completed); rehabilitation of No. 2 shed and offices, Lapointe Pier, by Board forces; extension of flax cleaning equipment No. 3 elevator; reclamation of land fronting Indian Reserve Mission No. 1, North Vancouver; installation of electro-magnets at No. 3 elevator, and purchase of 1 fork-lift truck for use at False Creek Fishermen's Terminal.

### INCOME AND EXPENSE

Operating income was \$4,119,916, as compared with \$4,001,309 in 1959, while operating expenses were \$2,496,187 as compared with \$2,140,846 in 1959.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit of \$846,036, as compared with a net profit of \$1,139,026 in 1959.

## BALANCE SHEET AS AT DECEMBER 31, 1960

## ASSETS

| CURRENT—   |                     |
|--|---------------------|
| Cash.....  | \$ 205,886          |
| Accounts Receivable.....   | 500,524             |
| Inventories of Operating and<br>Maintenance Supplies, at cost..... | 30,444              |
| Accrued Income.....  | 60,000              |
|  | <u>\$ 796,854</u>   |
| INVESTMENTS IN BONDS—  |                     |
| (At amortized cost, market value \$35,445).....                    | 45,667              |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS.....                      | 157,722             |
|  | <u>\$ 796,854</u>   |
| RESERVE FUNDS—   |                     |
| (Cash, \$81,520; bonds, at amortized cost, \$9,382,077)            |                     |
| Replacement of Capital Assets.....                                 | 9,044,510           |
| Fire and General Insurance.....                                    | 374,115             |
| Special Maintenance.....   | 44,972              |
|  | <u>\$ 9,463,607</u> |

## DEBIT BALANCES IN SUSPENSE.....

1,216

## PRELIMINARY CAPITAL EXPENDITURES.....

11,186

## CAPITAL ASSETS—

(At cost or estimated cost)

|                                      |                      |
|--------------------------------------|----------------------|
| Harbour Dredging.....                | 18,607               |
| Real Estate.....                     | 7,063,237            |
| Roads, Fences and Boundaries.....    | 479,140              |
| Sewers and Drains.....               | 16,549               |
| Miscellaneous Structures.....        | 27,665               |
| Wharves and Piers.....               | 16,990,175           |
| Permanent Sheds.....                 | 3,035,460            |
| Railway System.....                  | 33,589               |
| Grain Elevator System.....           | 9,715,886            |
| Cold Storage System.....             | 356,525              |
| Office Furniture and Appliances..... | 65,749               |
| Harbour Buildings.....               | 181,164              |
| Harbour Shops.....                   | 12,496               |
| Electric Power System.....           | 52,926               |
| Water Supply System.....             | 112,673              |
| Floating Equipment.....              | 41,184               |
| Shore Equipment.....                 | 507,421              |
| Miscellaneous Small Plant.....       | 73,958               |
| Engineering-General Surveys.....     | 7,871                |
| Works under Construction.....        | 499,253              |
|                                      | <u>\$ 39,291,498</u> |

39,291,498

\$ 49,767,740

## LIABILITIES

|  |                  |
|--|------------------|
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 412,477       |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS.....         | 256,658          |
| CONTRACTORS' HOLDBACKS.....                            | 37,744           |
|  | <u>188,357</u>   |
| DEFERRED INCOME.....                                   | 157,722          |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... |                  |
|  | <u>1,052,958</u> |

## PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|  |                  |
|--|------------------|
| Assets transferred to the Board on its establish-<br>ment, and subsequently..... | \$ 2,661,404     |
| Loans and Advances.....  | 26,701,099       |
| Reserves—  |                  |
| Replacement of Capital Assets \$ 9,278,942                                       |                  |
| Fire and General Insurance... 374,128  |                  |
| Special Maintenance..... 56,035  |                  |
|  | <u>9,709,105</u> |

## Add: Surplus—

|                                      |                  |
|--------------------------------------|------------------|
| Balance at Beginning of Year.....    | 8,845,080        |
| Less: Priors Years' Adjustments..... | 47,942           |
|                                      | <u>8,797,138</u> |

Add: Net Income for the year, per state-  
ment of Income and Expense.....

|  |                  |
|--|------------------|
|  | 846,036          |
|  | <u>9,643,174</u> |

Balance at End of Year.....

48,714,782

\$ 49,767,740

## HARBOUR OF VANCOUVER

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

## OPERATING INCOME—

## Harbour—

|                       |            |                    |
|-----------------------|------------|--------------------|
| Harbour Dues.....     | \$ 234,047 |                    |
| Cargo Rates.....      | 461,411    |                    |
| Handling.....         | 1,213,927  |                    |
| Property Rentals..... | 385,062    |                    |
| Miscellaneous.....    | 74,620     |                    |
|                       |            | <u>\$2,369,067</u> |

## Wharves and Piers—

|                          |         |                |
|--------------------------|---------|----------------|
| Top Wharfage.....        | 436,935 |                |
| Berthage.....            | 446,199 |                |
| Wharf Space Rentals..... | 29,134  |                |
| Miscellaneous.....       | 25,853  |                |
|                          |         | <u>938,121</u> |

## Grain Elevator System—

|              |  |                |
|--------------|--|----------------|
| Rentals..... |  | <u>546,513</u> |
|--------------|--|----------------|

## Cold Storage System—

|                    |        |               |
|--------------------|--------|---------------|
| Storage.....       | 2,058  |               |
| Miscellaneous..... | 20,626 |               |
|                    |        | <u>22,684</u> |

## Permanent Sheds—

|                    |        |                |
|--------------------|--------|----------------|
| Shed Rentals.....  | 88,793 |                |
| Storage.....       | 39,865 |                |
| Miscellaneous..... | 12,501 |                |
|                    |        | <u>141,159</u> |

|                             |  |                    |
|-----------------------------|--|--------------------|
| Miscellaneous Services..... |  | <u>102,372</u>     |
|                             |  | <u>\$4,119,916</u> |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |                  |
|---|-----------|------------------|
| Harbour (including \$1,104,834 for handling)..... | 1,341,757 |                  |
| Wharves and Piers.....                            | 395,841   |                  |
| Grain Elevator System.....                        | 18,852    |                  |
| Cold Storage System.....                          | 33,101    |                  |
| Permanent Sheds.....                              | 355,432   |                  |
| Miscellaneous Services.....                       | 101,979   |                  |
|   |           | <u>2,246,962</u> |

## Administrative—

|   |         |                |
|---|---------|----------------|
| Salaries.....   | 94,990  |                |
| Contributions to Public Service Superannuation Account..... | 32,679  |                |
| Office Expenses.....  | 12,249  |                |
| Miscellaneous.....  | 109,307 |                |
|   |         | <u>249,225</u> |

|                           |  |                  |
|---------------------------|--|------------------|
| NET OPERATING INCOME..... |  | <u>2,496,187</u> |
|                           |  | <u>1,623,729</u> |

## Add: OTHER INCOME—

|   |         |                  |
|---|---------|------------------|
| Income from Investments (less \$18,643 transferred to Reserves<br>other than that for Replacement of Capital Assets)..... | 415,911 |                  |
| Miscellaneous.....  | 7,208   |                  |
|   |         | <u>423,119</u>   |
|   |         | <u>2,046,848</u> |

## Deduct: SPECIAL CHARGES—

|   |         |                   |
|---|---------|-------------------|
| Provision for Interest on Loans and Advances..... | 810,462 |                   |
| Provision for Replacement of Capital Assets.....  | 367,001 |                   |
| Other.....  | 23,349  |                   |
|   |         | <u>1,200,812</u>  |
| NET INCOME.....                                   |         | <u>\$ 846,036</u> |

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1960

#### INCOME—

|   |                   |
|---|-------------------|
| Assessments.....  | \$ 407,454        |
| Income from Workmen's Compensation Fund Investments (less \$58,401<br>Applicable to Reserve)..... | —                 |
|   | <u>\$ 407,454</u> |

#### EXPENSE—

|   |                   |
|---|-------------------|
| Salaries of Board Members and Executive Officers.....       | 97,866            |
| Other Salaries.....   | 166,405           |
| Contributions to Public Service Superannuation Account..... | 19,637            |
| Office Expenses.....  | 37,684            |
| Office Rent.....  | 26,117            |
| Travelling Expenses.....                                    | 13,962            |
| Advertising.....  | 12,291            |
| Treasury Office—Salaries and Expenses.....                  | 33,492            |
|   | <u>\$ 407,454</u> |



**Head Office, Ottawa**  
**BALANCE SHEET AS AT DECEMBER 31, 1960**

| ASSETS   |           | LIABILITIES                                     |                    |
|--|-----------|---|--------------------|
| CURRENT—   |           | ACCOUNTS PAYABLE—GENERAL.....                   | \$ 2,000           |
| Cash.....  | \$ 4,411  | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA— |                    |
| RESERVE FUNDS—   |           | Reserves—                                       |                    |
| (Cash, \$28,410; bonds at amortized cost, \$1,561,545) |           | Replacement of Capital Assets.....              | \$ 13,633          |
| Workmen's Compensation.....                            | 1,589,955 | Workmen's Compensation.....                     | 1,589,955          |
| CAPITAL ASSETS—  |           |   | 1,603,588          |
| (at cost)  |           |   |                    |
| Office Furniture and Appliances.....                   | 27,266    |   |                    |
|  |           | Add: Surplus—                                   |                    |
|  |           | Balance at Beginning of Year.....               | 13,852             |
|  |           | Add:  |                    |
|  |           | Prior Years' Adjustments.....                   | 2,192              |
|  |           | Balance at End of Year.....                     | 16,044             |
|  |           |   | 1,619,632          |
|  |           |   | <u>\$1,621,632</u> |





doc  
AN  
V

A1 T66  
-A56

# ANNUAL REPORT



**NATIONAL HARBOURS BOARD**

**OTTAWA, CANADA**

**Calendar Year**

**1961**







ANNUAL REPORT

OF THE

NATIONAL HARBOURS  
BOARD

FOR CALENDAR YEAR

1961

ROGER DUHAMEL, F.R.S.C.  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1962

Price: 25 cents      Cat. No. TH1-1961



# NATIONAL HARBOURS BOARD

## Members of Board

|                           |                |
|---------------------------|----------------|
| H. A. Mann.....           | Chairman.      |
| L. R. Talbot, P. Eng..... | Vice-Chairman. |
| E. J. Alton.....          | Member.        |
| C. H. Malcolm.....        | Member.        |

## Head Office Officials

|                             |   |
|-----------------------------|---|
| W. C. Perron.....           | Executive Director.                         |
| T. M. Bryson, M.B.E.....    | Secretary.                                  |
| Roger St. Jean.....         | Assistant Secretary.                        |
| L. R. Stratton, P. Eng..... | Chief Engineer.                             |
| J. F. Finlay.....           | Legal Adviser.                              |
| N. W. Bowen.....            | Director, Traffic<br>Development<br>Branch. |

## Port Officials

|                    |                              |               |
|--------------------|------------------------------|---------------|
| Halifax.....       | J. R. Mitchell.....          | Port Manager. |
| Saint John.....    | D. M. Vye, P. Eng.....       | Port Manager. |
| Chicoutimi.....    | Albert Maltais.....          | Port Manager. |
| Quebec.....        | Paul Bousquet, P. Eng.....   | Port Manager. |
| Three Rivers.....  | L. St. Pierre.....           | Port Manager. |
| Montreal.....      | Guy Beaudet, P. Eng.....     | Port Manager. |
| Prescott.....      | A. D. Hough.....             | Manager.      |
| Port Colborne..... | F. W. Moore.....             | Manager.      |
| Churchill.....     | H. M. Wilson.....            | Port Manager. |
| Vancouver.....     | B. D. L. Johnson, O.B.E..... | Port Manager. |



## TABLE OF CONTENTS

|                                      | PAGE |
|--------------------------------------|------|
| Report to Minister of Transport..... | 5    |
| Balance Sheet.....                   | 12   |
| Statement of Income and Expense..... | 14   |
| Certificate of Auditor General.....  | 16   |
| Harbour of Halifax.....              | 17   |
| Harbour of Saint John.....           | 28   |
| Harbour of Chicoutimi.....           | 38   |
| Harbour of Quebec.....               | 44   |
| Harbour of Three Rivers.....         | 55   |
| Harbour of Montreal.....             | 63   |
| Jacques Cartier Bridge.....          | 79   |
| Prescott Elevator.....               | 83   |
| Port Colborne Elevator.....          | 87   |
| Harbour of Churchill.....            | 91   |
| Harbour of Vancouver.....            | 98   |
| Head Office, Ottawa.....             | 110  |

## NATIONAL HARBOURS BOARD

OTTAWA, March 28, 1962.

To the Honourable Leon Balcer, M.P.,  
Minister of Transport,  
Ottawa

SIR,—Pursuant to Section 32 of the National Harbours Board Act, we have the honour to submit the twenty-sixth annual report of the National Harbours Board, covering the operations for the calendar year 1961, of the harbours of Halifax, Saint John, Chicoutimi, Quebec, Three Rivers, Montreal, Churchill and Vancouver, and the Government grain elevators at Prescott and Port Colborne. The traffic statistics contained in this report include shipping and cargo at both National Harbours Board facilities and private facilities where they exist.

### SHIPPING

Shipping tonnage in 1961 surpassed all previous records. Vessel arrivals numbered 43,632, the aggregate net registered tonnage being 62,765,693. The comparable figures for 1960 were 47,462 vessels aggregating 60,178,622 net registered tons. The following statement shows the number and tonnage of vessels which arrived at harbours under the administration of the Board in each of the past five years:

#### VESSELS—ARRIVALS

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 43,632                  | 62,765,693                   |
| 1960..... | 47,462                  | 60,178,622                   |
| 1959..... | 48,173                  | 57,417,941                   |
| 1958..... | 48,242                  | 47,894,829                   |
| 1957..... | 40,421                  | 49,648,800                   |

(Exclusive of Naval Vessels)

### CARGO

Cargo tonnage at National Harbours also showed a substantial increase. Aggregate cargo tonnage in 1961 was 61,106,769 as compared with 52,222,526 in 1960, the increase being 8,884,243 tons, or 17%.

Grain traffic showed an increase over the previous year, rising from 10,911,930 tons to 15,224,117, an increase of 4,312,187 tons, or approximately 40%.

Considering all commodities with aggregate tonnages in excess of 200,000, there were increases in grain, crude petroleum, fuel oil, bituminous coal, gasoline, pulpwood, logs, cement, wood-pulp, asbestos, iron ore, hog fuel and iron or steel band, bars, etc. Decreases were shown in gypsum, lumber, flour, sugar, newsprint, sand and gravel and motor vehicles and parts.

Foreign inward traffic increased 1,283,078 tons, or 9%, and foreign outward traffic increased 3,712,435 tons, or 24%, compared with 1960. Domestic traffic inward increased 2,764,764 tons, or 22%, and domestic traffic outward increased 1,123,966 tons, or 13%, compared with 1960.

### CARGO TONNAGE—SUMMARY

The following statement summarizes the volume of water-borne cargo tonnage in 1961 and each of the four previous years:

*Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Inward     | Outward    | Total      |
|------------------|------------|------------|------------|
|                  | (Tons)     | (Tons)     | (Tons)     |
| <i>Foreign—</i>  |            |            |            |
| 1961.....        | 16,256,056 | 19,465,223 | 35,721,279 |
| 1960.....        | 14,972,978 | 15,752,788 | 30,725,766 |
| 1959.....        | 13,030,025 | 15,254,337 | 28,284,362 |
| 1958.....        | 10,498,256 | 15,551,446 | 26,049,702 |
| 1957.....        | 10,490,379 | 15,964,867 | 26,455,246 |
| <i>Domestic—</i> |            |            |            |
| 1961.....        | 15,566,534 | 9,818,956  | 25,385,490 |
| 1960.....        | 12,801,770 | 8,694,990  | 21,496,760 |
| 1959.....        | 12,608,440 | 7,775,642  | 20,384,082 |
| 1958.....        | 13,725,728 | 7,308,259  | 21,033,987 |
| 1957.....        | 12,692,504 | 7,528,414  | 20,220,918 |
| <i>Total—</i>    |            |            |            |
| 1961.....        | 31,822,590 | 29,284,179 | 61,106,769 |
| 1960.....        | 27,774,748 | 24,447,778 | 52,222,526 |
| 1959.....        | 25,638,465 | 23,029,979 | 48,668,444 |
| 1958.....        | 24,223,984 | 22,859,705 | 47,668,689 |
| 1957.....        | 23,182,883 | 23,493,281 | 46,676,164 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

### INCOME AND EXPENSE

Operating income in 1961 amounted to \$29,018,295 as compared with \$27,138,528 in the previous year, an increase of \$1,879,767.

Expenses of administration, operation and maintenance in 1961 were \$18,043,467, as against \$17,433,786 in the previous year, an increase of \$609,681.

Salaries and wages amounted to \$11,715,000, as compared with \$11,165,000 in 1960. Retirement benefits for employees cost \$428,000 by way of contribution to the Public Service Superannuation Account.

Maintenance expenses in 1961 were \$4,822,228, as compared with \$5,304,100 in the previous year.

Net operating income was \$10,974,828, as against \$9,704,742 in 1960, an increase of \$1,270,086.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, operations for 1961 resulted in a net profit of \$2,007 as compared with a net loss of \$788,808 in 1960. (NOTE: The loss reported in 1960 has been adjusted for comparative purposes from \$675,614 to \$788,808: certain items, such as profits or losses on disposal of capital assets and other minor charges and credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

# COMPARATIVE CONSOLIDATED INCOME STATEMENT FOR THE YEARS 1957 TO 1961 INCLUSIVE

|  | 1961       | 1960       | 1959       | 1958       | 1957       |
|--|------------|------------|------------|------------|------------|
|  | \$         | \$         | \$         | \$         | \$         |
| OPERATING INCOME.....                      | 29,018,295 | 27,138,528 | 24,206,496 | 24,075,931 | 23,303,811 |
| OPERATING AND MAINTENANCE<br>EXPENSES..... | 18,043,467 | 17,433,786 | 15,598,321 | 14,786,764 | 14,270,611 |
| Net Operating Income.....                  | 10,974,828 | 9,704,742  | 8,608,175  | 9,289,167  | 9,033,200  |
| MISCELLANEOUS CREDITS (Net).....           | 2,134,932  | 2,241,830  | 2,124,998  | 2,019,989  | 1,642,147  |
| Total Income.....                          | 13,109,760 | 11,946,572 | 10,733,173 | 11,309,156 | 10,675,347 |
| OTHER INCOME REQUIREMENTS                  |            |            |            |            |            |
| Provision for—                             |            |            |            |            |            |
| Replacement of Capital Assets..            | 4,348,813  | 4,139,232  | 3,403,259  | 3,266,577  | 3,107,787  |
| Interest Due Government.....               | 8,758,940  | 8,596,148  | 7,924,761  | 6,970,371  | 6,242,458  |
|  | 13,107,753 | 12,735,380 | 11,328,020 | 10,236,948 | 9,350,245  |
| Net Profit/Loss.....                       | 2,007      | 788,808    | 594,847    | 1,072,208  | 1,325,102  |

The following statistical record is submitted showing operating income, operating expenses and net operating income of each unit under the administration of the Board, together with combined totals for all units, for the past five years:

|                   |      | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|-------------------|------|---------------------|----------------------|----------------------------|
|                   |      | \$                  | \$                   | \$                         |
| Halifax.....      | 1961 | 2,131,170           | 1,995,993            | 135,177                    |
|                   | 1960 | 2,056,895           | 1,887,424            | 169,471                    |
|                   | 1959 | 1,898,760           | 1,628,924            | 269,836                    |
|                   | 1958 | 1,859,423           | 1,555,546            | 303,877                    |
|                   | 1957 | 1,947,120           | 1,432,788            | 514,332                    |
| Saint John.....   | 1961 | 1,000,072           | 933,603              | 66,469                     |
|                   | 1960 | 973,481             | 959,037              | 14,444                     |
|                   | 1959 | 824,496             | 869,110              | 44,614*                    |
|                   | 1958 | 794,814             | 908,112              | 113,298*                   |
|                   | 1957 | 947,312             | 880,078              | 67,234                     |
| Chicoutimi.....   | 1961 | 130,844             | 53,656               | 77,188                     |
|                   | 1960 | 120,428             | 44,608               | 75,820                     |
|                   | 1959 | 118,420             | 41,584               | 76,836                     |
|                   | 1958 | 110,486             | 39,499               | 70,987                     |
|                   | 1957 | 110,534             | 32,022               | 78,512                     |
| Quebec.....       | 1961 | 2,683,436           | 1,885,188            | 798,248                    |
|                   | 1960 | 2,405,453           | 1,662,067            | 743,386                    |
|                   | 1959 | 2,282,094           | 1,765,315            | 516,779                    |
|                   | 1958 | 2,047,749           | 1,676,260            | 371,489                    |
|                   | 1957 | 1,972,806           | 1,929,407            | 43,399                     |
| Three Rivers..... | 1961 | 691,834             | 108,399              | 583,435                    |
|                   | 1960 | 603,169             | 109,118              | 494,051                    |
|                   | 1959 | 449,026             | 123,207              | 325,819                    |
|                   | 1958 | 414,098             | 77,117               | 336,981                    |
|                   | 1957 | 406,177             | 69,407               | 336,770                    |

\*Deficit



|  |      | Operating<br>Income | Operating<br>Expense | Net<br>Operating<br>Income |
|--|------|---------------------|----------------------|----------------------------|
|  |      | \$                  | \$                   | \$                         |
| Montreal.....                          | 1961 | 11,573,819          | 7,667,979            | 3,905,840                  |
|  | 1960 | 10,862,437          | 7,644,245            | 3,218,192                  |
|  | 1959 | 9,460,587           | 6,358,410            | 3,102,177                  |
|  | 1958 | 9,319,870           | 6,076,232            | 3,243,638                  |
|  | 1957 | 8,670,352           | 5,457,114            | 3,213,238                  |
| Jacques Cartier Bridge (Montreal)..... | 1961 | 3,497,975           | 777,422              | 2,720,553                  |
|  | 1960 | 3,354,276           | 738,556              | 2,615,720                  |
|  | 1959 | 2,354,815           | 699,598              | 1,655,217                  |
|  | 1958 | 2,104,794           | 353,679              | 1,751,115                  |
|  | 1957 | 2,228,438           | 318,392              | 1,910,046                  |
| Prescott.....                          | 1961 | 1,009,170           | 501,760              | 507,410                    |
|  | 1960 | 882,058             | 465,771              | 416,287                    |
|  | 1959 | 876,474             | 472,566              | 403,908                    |
|  | 1958 | 1,452,686           | 625,883              | 826,803                    |
|  | 1957 | 1,089,935           | 502,142              | 587,793                    |
| Port Colborne.....                     | 1961 | 549,814             | 309,359              | 240,455                    |
|  | 1960 | 454,086             | 284,564              | 169,522                    |
|  | 1959 | 550,653             | 347,728              | 202,925                    |
|  | 1958 | 906,324             | 527,868              | 378,456                    |
|  | 1957 | 732,607             | 470,134              | 262,473                    |
| Churchill.....                         | 1961 | 1,190,550           | 1,144,635            | 45,915                     |
|  | 1960 | 1,306,329           | 1,142,209            | 164,120                    |
|  | 1959 | 1,389,862           | 1,151,033            | 238,829                    |
|  | 1958 | 1,343,964           | 932,342              | 411,622                    |
|  | 1957 | 1,097,120           | 918,842              | 178,278                    |
| Vancouver.....                         | 1961 | 4,559,611           | 2,665,473            | 1,894,138                  |
|  | 1960 | 4,119,916           | 2,496,187            | 1,623,729                  |
|  | 1959 | 4,001,309           | 2,140,846            | 1,860,463                  |
|  | 1958 | 3,721,723           | 2,014,226            | 1,707,497                  |
|  | 1957 | 4,101,410           | 2,260,285            | 1,841,125                  |
| All Units.....                         | 1961 | 29,018,295          | 18,043,467           | 10,974,828                 |
|  | 1960 | 27,138,528          | 17,433,786           | 9,704,742                  |
|  | 1959 | 24,206,496          | 15,598,321           | 8,608,175                  |
|  | 1958 | 24,075,931          | 14,786,764           | 9,289,167                  |
|  | 1957 | 23,303,811          | 14,270,611           | 9,033,200                  |

\*Deficit

## TARIFFS AND REGULATIONS

Major changes in tariffs in 1961 were the issue of By-law Churchill B-8, Tariff of Charges, N.H.B. Railway, covering switching charges at Churchill, and the reissue of By-law Montreal B-6(a), Tariff of Charges, Cold Storage Warehouse, Montreal, increasing rates to cover increased cost of operation. By-law Vancouver B-10(a) was also reissued to include charges for the new cranes erected on Centennial Pier. By-law A-1 was amended to include operating regulations concerning navigation within the harbours. A number of minor adjustments were made in other tariffs relating to increases in charges brought about by higher costs. A number of commutations and reductions were made to provide relief from charges in certain specific cases.

## CAPITAL EXPENDITURES

Expenditures on capital account in 1961 totalled \$24,349,449. Of this amount, \$19,001,935 has been or will be financed by advances from the Government, bearing interest at the rate prevailing at the date of such advances; \$1,490,955 was provided from replacement funds; and \$3,856,559 from revenue.

The distribution of capital expenditures, by places, is as follows:

*From Borrowings—*

|                 |            |              |
|-----------------|------------|--------------|
| Saint John..... | \$ 838,585 |              |
| Quebec.....     | 2,144,361  |              |
| Montreal.....   | 13,797,462 |              |
| Churchill.....  | 2,221,527  |              |
|                 | <hr/>      | \$19,001,935 |

*From Replacement Funds—*

|                 |           |              |
|-----------------|-----------|--------------|
| Halifax.....    | \$ 35,852 |              |
| Saint John..... | 479,960   |              |
| Quebec.....     | 7,559     |              |
| Montreal.....   | 925,331   |              |
| Churchill.....  | 42,253    |              |
|                 | <hr/>     | \$ 1,490,955 |

*From Revenues—*

|                             |            |                     |
|-----------------------------|------------|---------------------|
| Halifax.....                | \$ 529,298 |                     |
| Chicoutimi.....             | 14,965     |                     |
| Quebec.....                 | 1,200,000  |                     |
| Three Rivers.....           | 347,789    |                     |
| Montreal.....               | 600,000    |                     |
| Jacques Cartier Bridge..... | 340,786    |                     |
| Prescott.....               | 28,284     |                     |
| Port Colborne.....          | 5,900      |                     |
| Churchill.....              | 3,830      |                     |
| Vancouver.....              | 785,707    |                     |
|                             | <hr/>      | \$ 3,856,559        |
|                             |            | <hr/>               |
|                             |            | <u>\$24,349,449</u> |

Major construction projects completed or in progress during 1961 included new or improved wharves at Halifax, Saint John, Quebec, Montreal and Churchill; new transit sheds at Quebec, Three Rivers, and Montreal, and extension to transit shed at Three Rivers; additions and/or improvements to grain elevators, loading and unloading facilities and equipment at Halifax, Saint John, Quebec, Montreal, Prescott, and Vancouver; expansion and/or improvements to the electrical system at Saint John and Montreal; construction of piers, superstructure, and placing of fill for Champlain Bridge. Uncompleted work at the end of the year on major contracts amounted to approximately \$15,450,000.

The book value of Capital assets at December 31, 1961, was \$368,320,287.

## FINANCE

The following figures indicate the several amounts received and to be received from the Government in respect of the Board's financial requirements relating to the year 1961, and also the amounts paid to the Treasury from Board funds:

*Amounts Required from Government—*

|                           |              |
|---------------------------|--------------|
| Capital expenditures..... | \$19,001,935 |
|---------------------------|--------------|

*Amounts Paid to Government—*

|                            |                     |
|----------------------------|---------------------|
| Interest on Advances.....  | \$ 3,865,398        |
| Repayment of Advances..... | 7,450,000           |
|                            | <u>\$11,315,398</u> |

## RESERVE FUNDS

As at December 31, 1961, reserve funds for replacement of capital assets, for insurance, for workmen's compensation and special maintenance amounted to \$63,755,550, the increase in the year being \$1,481,971.

The reserves consist of cash on deposit with the Receiver General, \$2,892,115, and investments in authorized securities, book value \$60,863,435, market value \$56,022,305. In addition, miscellaneous funds were held in the amount of \$127,120, represented by cash on deposit with the Receiver General, \$42,056 and authorized investments, book value \$85,064, market value \$81,411.

## INVESTMENTS

Surplus funds invested in bonds amounted to \$2,460,377 book value, market value \$2,480,455.

## SEPARATE ACCOUNTING

Separate accounts have been kept for each of the harbours and other works under the administration of the Board, as required by section 31 of the National Harbours Board Act. The balance sheet that follows summarizes the assets and liabilities recorded in those separate accounts as at December 31, 1961, and the related statement of income and expense summarizes the income and expense for the year then ended. Following these statements, there is printed a copy of the report of the Auditor General on his audit.

Similar statements for each harbour and the grain elevators at Prescott and Port Colborne, as well as for the Head Office, supplemented by shipping and

traffic statistics and information respecting the work carried on during the year, are appended to this report.

Respectfully submitted,

H. A. MANN,  
*Chairman.*

L. R. TALBOT,  
*Vice-Chairman.*

E. J. ALTON,  
C. H. MALCOLM,  
*Members.*

T. M. BRYSON,  
*Secretary.*





DUE FROM THE PROVINCE OF QUEBEC under agreement  
to share Jacques Cartier Bridge deficits.....

744,425

744,425

DEFERRED CHARGE—unamortized balance of bond  
discount and redemption expense (Jacques  
Cartier Bridge).....

480,448

541,782

CAPITAL ASSETS, at cost or estimated cost, per  
Schedule A.....

368,320,287

348,788,137

\$444,891,615

\$428,501,541

Certified correct:

T. M. BR YSON,  
*Secretary.*

Approved:

H. A. MANN,  
*Chairman.*

Deduct: Deficit—

Balance at beginning of year... 67,561,015  
Add: Churchill Harbour—  
sundry expenditures..... 2,223,073  
written off.....

Deduct: Profit/Loss for the year,  
per Statement of Income and  
Expense..... 2,007

Balance at end of year..... 69,782,081

788,808

67,561,015

438,166,533

421,091,625

\$444,891,615

\$428,501,541

The above Balance Sheet and the related Statement of Income and Expense  
have been examined and reported upon under date of March 26, 1962 to the Minister  
of Transport, as required by section 87 of the Financial Administration Act.

A. M. HENDERSON,  
*Auditor General of Canada.*

66,772,207

## NATIONAL HARBOURS BOARD

## SCHEDULE A

## CAPITAL ASSETS AS AT DECEMBER 31, 1961

(with comparative figures for the year ended December 31, 1960)

|  | 1961        | 1960        |
|--|-------------|-------------|
|  | \$          | \$          |
| Harbour dredging.....                                | 21,143,320  | 20,742,381  |
| Land and land improvements.....                      | 16,593,098  | 16,453,676  |
| Wharves and piers.....                               | 134,839,648 | 131,116,938 |
| Permanent sheds.....                                 | 37,676,472  | 36,089,139  |
| Railway systems.....                                 | 6,707,355   | 6,654,491   |
| Grain elevator systems.....                          | 71,367,378  | 70,614,451  |
| Cold storage systems.....                            | 6,646,778   | 6,637,163   |
| Harbour buildings, service plants and equipment..... | 10,271,342  | 8,683,741   |
| Floating and shore equipment.....                    | 4,381,875   | 3,850,105   |
| Jacques Cartier Bridge.....                          | 21,943,943  | 22,102,772  |
| Works under construction.....                        | 36,749,078  | 21,397,123  |
| Sundry expenditure—undistributed.....                | —           | 4,446,157   |
|  | 368,320,287 | 348,788,137 |

## NATIONAL HARBOURS BOARD

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

(with comparative figures for the year ended December 31, 1960)

|                           | 1961        | 1960       |
|---------------------------|-------------|------------|
| OPERATING INCOME—         |             |            |
| Harbours—                 |             |            |
| Harbour dues.....         | \$ 538,031  | \$ 499,798 |
| Cargo rates.....          | 443,507     | 461,411    |
| Handling.....             | 1,301,351   | 1,213,927  |
| Property rentals.....     | 689,485     | 644,534    |
| Miscellaneous.....        | 270,394     | 125,843    |
|                           | \$3,242,768 | 2,945,513  |
| Wharves and Piers—        |             |            |
| Top wharfage.....         | 6,160,507   | 5,755,606  |
| Dockage and berthage..... | 2,276,413   | 2,055,850  |
| Wharf space rentals.....  | 858,970     | 929,014    |
| Miscellaneous.....        | 69,817      | 81,694     |
|                           | 9,365,707   | 8,822,164  |
| Grain Elevator Systems—   |             |            |
| Elevation.....            | 3,782,360   | 3,038,596  |
| Storage.....              | 2,897,761   | 2,987,567  |
| Rentals.....              | 687,781     | 608,368    |
| Miscellaneous.....        | 371,532     | 469,825    |
|                           | 7,739,434   | 7,104,356  |
| Cold Storage Systems—     |             |            |
| Storage.....              | 842,926     | 782,465    |
| Miscellaneous.....        | 328,730     | 295,530    |
| Carried forward           | 1,171,656   | 1,077,995  |

## NATIONAL HARBOURS BOARD

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

(with comparative figures for the year ended December 31, 1960)

|   | 1961         | 1960         |
|---|--------------|--------------|
| (brought forward)   | 1,171,656    | 1,077,995    |
| Permanent Sheds—  |              |              |
| Shed rentals.....   | 1,454,692    | 1,415,529    |
| Storage.....  | 197,913      | 187,072      |
| Miscellaneous.....  | 190,535      | 176,424      |
|   | 1,843,140    | 1,779,025    |
| Jacques Cartier Bridge.....   | 3,497,975    | 3,354,276    |
| Railway Systems.....  | 731,436      | 809,596      |
| Miscellaneous Services.....   | 1,426,179    | 1,245,603    |
| OPERATING INCOME.....   | \$29,018,295 | \$27,138,528 |
| OPERATING EXPENSES—   |              |              |
| Operation and Maintenance—  |              |              |
| Harbours (including dredging, \$497,677;<br>handling, \$1,184,452).....   | \$3,774,790  | 3,408,577    |
| Wharves and piers.....  | 870,645      | 1,081,567    |
| Grain elevator systems.....   | 5,415,970    | 5,229,165    |
| Cold storage systems.....   | 1,141,593    | 1,103,680    |
| Permanent sheds.....  | 1,378,538    | 1,457,517    |
| Jacques Cartier Bridge.....   | 693,745      | 658,097      |
| Railway systems.....  | 1,118,631    | 1,188,509    |
| Miscellaneous services.....   | 1,645,533    | 1,469,153    |
|   | 16,039,445   | 15,596,265   |
| Administrative—   |              |              |
| Salaries of Board Members and executive officers.....   | 110,343      | 97,866       |
| Other salaries.....   | 950,770      | 892,234      |
| Contributions to Public Service Superannuation Account...   | 427,860      | 386,378      |
| Office expenses.....  | 136,287      | 129,706      |
| Miscellaneous.....  | 378,762      | 331,337      |
|   | 2,004,022    | 1,837,521    |
|   | 18,043,467   | 17,433,786   |
|   | 10,974,828   | 9,704,742    |
| NET OPERATING INCOME  |              |              |
| Add: OTHER INCOME—  |              |              |
| Income from investments (less \$258,785 transferred to Reserves<br>other than for Replacement of Capital Assets)..... | 2,519,666    | 2,476,532    |
| Miscellaneous.....  | 170,352      | 178,329      |
|   | 2,690,018    | 2,654,861    |
|   | 13,664,846   | 12,359,603   |
| DEDUCT: SPECIAL CHARGES—  |              |              |
| Provision for interest on loans and advances.....   | 8,758,940    | 8,596,148    |
| Provision for replacement of capital assets.....  | 4,348,813    | 4,139,232    |
| Loss (net) on disposal of capital assets.....   | 88,846       | 128,032      |
| Amortization of bond discount and bond redemption expense...  | 61,334       | 61,334       |
| Other.....  | 404,906      | 223,665      |
|   | 13,662,839   | 13,148,411   |
| NET PROFIT/Loss.....  | 2,007        | 788,808      |



## CERTIFICATE OF AUDITOR GENERAL

AUDITOR GENERAL OF CANADA

OTTAWA, March 26, 1962.

The Honourable LEON BALCER,  
Minister of Transport,  
Ottawa.

SIR,

The accounts and financial statements of the National Harbours Board have been examined for the year ended December 31, 1961. In compliance with the requirements of section 87 of the Financial Administration Act, I now report that, in my opinion:

- (a) proper books of account have been kept by the Board;
- (b) the financial statements of the Board
  - (i) were prepared on a basis consistent with that of the preceding year and are in agreement with the books of account,
  - (ii) in the case of the balance sheet, give a true and fair view of the state of the Board's affairs as at the end of the financial year, and
  - (iii) in the case of the statement of income and expense give a true and fair view of the income and expense of the Board for the financial year; and
- (c) the transactions of the Board that have come under my notice have been within the powers of the Board under the Financial Administration Act and any other Act applicable to the Board.

Yours faithfully,

(A. M. HENDERSON)  
*Auditor General of Canada.*

## HARBOUR OF HALIFAX

The Harbour of Halifax, situated on the Atlantic Coast of Nova Scotia, is approached directly from the ocean by a channel with a minimum depth of 50 feet at low tide. It is open to navigation the year round and is served by both the Canadian National and Canadian Pacific Railways. The National Harbours Board operates wharves and piers having about 19,000 linear feet of berthing, which provides 32 deep-water berths. Paved open areas of 233,000 square feet are provided at Pier A-1. Other open areas are available at Richmond and Deep Water Terminals. There are 20 transit sheds with an aggregate floor area of about 1,290,000 sq. ft. including frost-proof areas. In addition, the Board operates a 4,152,500-bushel grain elevator with a maximum loading capacity of 90,000 bushels per hour, and a marine tower with an unloading capacity of 15,000 bushels per hour; also, a cold storage terminal warehouse with about 1,719,000 cubic feet of storage space completely fitted with sharp-freezing, storing and packing equipment, and ample rail connections. Several floating cranes are available with capacities ranging from 15 to 80 tons.

## SHIPPING

The number of vessel arrivals during 1961 showed a 5% increase over the previous year and compared favourably with the peak post-war year of 1959.

### VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 3,300                   | 6,437,792                    |
| 1960..... | 3,134                   | 6,632,168                    |
| 1959..... | 3,303                   | 6,867,887                    |
| 1958..... | 2,923                   | 6,368,600                    |
| 1957..... | 2,938                   | 6,650,659                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

|   | 1961              |                        | 1960              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| Deepsea or ocean-going commercial.....                | 1,576             | 6,213,095              | 1,515             | 6,421,838              |
| Coastal or inland commercial (including fishery)..... | 1,645             | 183,346                | 1,556             | 174,319                |
| Other.....  | 79                | 41,351                 | 63                | 36,011                 |
| Total.....  | 3,300             | 6,437,792              | 3,134             | 6,632,168              |

(Exclusive of naval vessels)

## CARGO

A decline of 1% in cargo tonnage was due primarily to smaller gypsum exports and decreased imports of crude oil and motor vehicles and parts.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1961.....        | 3,364,887 | 2,338,945 | 5,703,832 |
| 1960.....        | 3,446,000 | 2,499,285 | 5,945,285 |
| 1959.....        | 3,605,380 | 2,636,562 | 6,241,942 |
| 1958.....        | 3,279,928 | 2,097,655 | 5,377,583 |
| 1957.....        | 3,262,546 | 2,111,085 | 5,373,631 |
| <i>Domestic—</i> |           |           |           |
| 1961.....        | 567,486   | 1,624,830 | 2,192,316 |
| 1960.....        | 431,813   | 1,606,849 | 2,038,662 |
| 1959.....        | 290,253   | 1,601,716 | 1,891,969 |
| 1958.....        | 124,594   | 1,461,920 | 1,586,514 |
| 1957.....        | 136,713   | 1,473,968 | 1,610,681 |
| <i>Total—</i>    |           |           |           |
| 1961.....        | 3,932,373 | 3,963,775 | 7,896,148 |
| 1960.....        | 3,877,813 | 4,106,134 | 7,983,947 |
| 1959.....        | 3,895,633 | 4,238,278 | 8,133,911 |
| 1958.....        | 3,404,522 | 3,559,575 | 6,964,097 |
| 1957.....        | 3,399,259 | 3,585,053 | 6,984,312 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

CARGO TONNAGE—COMMODITIES

HARBOUR OF HALIFAX

19

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)  
Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels  
during calendar year 1961, with comparison for 1960.

*Basis:* Tons weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil, crude | Petroleum<br>Oil, fuel | Gypsum,<br>crude | Gasoline | Grain   | Flour,<br>wheat | Motor<br>Vehicles<br>and Parts | Fish (in-<br>cluding<br>Shell-fish)<br>dried,<br>pickled,<br>salted or<br>smoked | Cement,<br>common or<br>portland | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>Square<br>Timber | Copper<br>Concen-<br>trates,<br>Matte and<br>Ore |
|------------------|-------------------------|------------------------|------------------|----------|---------|-----------------|--------------------------------|--|----------------------------------|--|--|
| <i>Foreign—</i>  |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| Inward—          |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | 2,524,421               | 416,604                | 1,361,511        | 59,607   | .....   | 8               | 110,572                        | 239  | 676                              | 412  | .....  |
| 1960.....        | 2,643,256               | 295,571                | 1,700,660        | 71,107   | 6,810   | .....           | 154,439                        | 631  | 278                              | 1,275  | 1  |
| Outward—         |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | .....                   | 13,196                 | .....            | 57       | 444,260 | 122,293         | 9,722                          | 53,062   | 39                               | 42,788   | 40,458   |
| 1960.....        | .....                   | 16,775                 | .....            | 10,254   | 313,845 | 109,728         | 15,147                         | 64,174   | 181                              | 32,301   | 34,336   |
| <i>Domestic—</i> |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| Inward—          |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | .....                   | 160,551                | .....            | 143,961  | 130,254 | 3,546           | 315                            | 19,230   | 62,239                           | .....  | .....  |
| 1960.....        | .....                   | 80,272                 | .....            | 120,778  | 118,327 | 3,978           | 510                            | 11,985   | 55,765                           | 1,833  | .....  |
| Outward—         |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | .....                   | 970,781                | 80,697           | 468,185  | .....   | 9,735           | 1,624                          | 7  | 751                              | 4,179  | .....  |
| 1960.....        | .....                   | 979,464                | 91,664           | 465,849  | .....   | 5,971           | 1,041                          | 1  | 579                              | 639  | .....  |
| <i>Totals—</i>   |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| Inward—          |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | 2,524,421               | 577,155                | .....            | 203,568  | 130,254 | 3,554           | 110,887                        | 19,469   | 62,915                           | 412  | .....  |
| 1960.....        | 2,643,256               | 375,843                | .....            | 191,885  | 125,137 | 3,978           | 154,949                        | 12,616   | 56,043                           | 3,108  | 1  |
| Outward—         |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | .....                   | 983,977                | 1,442,208        | 468,242  | 444,260 | 132,028         | 11,346                         | 53,069   | 790                              | 46,967   | 40,458   |
| 1960.....        | .....                   | 996,239                | 1,792,324        | 476,103  | 313,845 | 115,699         | 16,188                         | 64,175   | 760                              | 32,940   | 34,336   |
| Total—           |                         |                        |                  |          |         |                 |                                |  |                                  |  |  |
| 1961.....        | 2,524,421               | 1,561,132              | 1,442,208        | 671,810  | 574,514 | 135,582         | 122,233                        | 72,538   | 63,705                           | 47,379   | 40,458   |
| 1960.....        | 2,643,256               | 1,372,082              | 1,792,324        | 667,988  | 438,982 | 119,677         | 171,137                        | 76,791   | 56,803                           | 36,048   | 34,337   |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Paper,<br>newsprint | Fish (in-<br>cluding<br>Shell-<br>fish),<br>fresh or<br>frozen | Rubber,<br>crude<br>(includ-<br>ing<br>Latex) | Vegetable<br>Oils | Potatoes | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs,<br>rods,<br>sheets or<br>slabs | Feed,<br>animal or<br>poultry,<br>not other-<br>wise<br>specified | Apples | Salt   | Fruits,<br>fresh,<br>not other-<br>wise<br>specified | Iron or<br>Steel,<br>scrap |
|------------------|---------------------|--|---|-------------------|----------|---|---|--------|--------|--|----------------------------|
| <i>Foreign—</i>  |                     |  |   |                   |          |   |   |        |        |  |                            |
| Inward—          |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        |                     | 36   | 24,385  | 25,615            |          | 445   | 585   | 1      | 11,023 | 11,274   | 37                         |
| 1960.....        |                     | 184  | 32,954  | 17,443            |          | 437   |   |        | 15,170 | 6,179  | 22                         |
| Outward—         |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 31,217              | 795  | 4,442   |                   | 22,144   | 19,869  | 5,041   | 12,213 | 454    | 199  | 11,217                     |
| 1960.....        | 10,052              | 1,133  | 3,617   | 1,913             | 11,790   | 23,647  | 5,086   | 10,071 | 34     | 65   | 2,841                      |
| <i>Domestic—</i> |                     |  |   |                   |          |   |   |        |        |  |                            |
| Inward—          |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 3,074               | 33,181   |   |                   |          | 1,670   |   |        |        | 14   | 90                         |
| 1960.....        |                     | 32,492   |   |                   |          |   | 250   |        |        |  | 4                          |
| Outward—         |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 14                  | 32   | 1   | 145               | 680      | 7   | 11,846  | 787    | 396    | 13   |                            |
| 1960.....        | 2                   | 6  |   | 1,491             | 1,293    | 1   | 7,776   | 601    | 1,519  | 86   |                            |
| <i>Totals—</i>   |                     |  |   |                   |          |   |   |        |        |  |                            |
| Inward—          |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 3,074               | 33,217   | 24,385  | 25,615            |          | 2,115   | 585   | 1      | 11,023 | 11,288   | 127                        |
| 1960.....        |                     | 32,676   | 32,954  | 17,443            |          | 437   | 250   |        | 15,170 | 6,179  | 26                         |
| Outward—         |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 31,231              | 827  | 4,443   | 145               | 22,824   | 19,876  | 16,887  | 13,000 | 850    | 212  | 11,217                     |
| 1960.....        | 10,054              | 1,139  | 3,617   | 3,404             | 13,083   | 23,648  | 12,862  | 10,672 | 1,553  | 151  | 2,841                      |
| <i>Total—</i>    |                     |  |   |                   |          |   |   |        |        |  |                            |
| 1961.....        | 34,305              | 34,044   | 28,828  | 25,760            | 22,824   | 21,991  | 17,472  | 13,001 | 11,873 | 11,500   | 11,344                     |
| 1960.....        | 10,054              | 33,815   | 36,571  | 20,847            | 13,083   | 24,085  | 13,112  | 10,672 | 16,723 | 6,330  | 2,867                      |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Copper and<br>Copper<br>Manufac-<br>tures not<br>otherwise<br>specified | Tea    | Fruits,<br>canned or<br>preserved | Iron or<br>Steel,<br>structural | Fertiliz-<br>ers and<br>Ferti-<br>lizer<br>Materials | Glass and<br>Glass<br>Manufac-<br>tures | Grain<br>Products<br>(Mill<br>Products<br>except<br>agricul-<br>tural<br>Wheat<br>Flour) | Machinery<br>and Parts<br>(except<br>agricul-<br>tural) | Iron or<br>Steel Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Cotton<br>Manufactures<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings |
|------------------|---|--------|-----------------------------------|---------------------------------|--|---|--|---|---|---|--|
| <i>Foreign—</i>  |   |        |                                   |                                 |  |   |  |   |   |   |  |
| Inward—          |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 140   | 9,666  | 5,479                             | 6,363                           | 4,200  | 7,928                                   | 49   | 6,973   | 2,440   | 7,088   | 5,802  |
| 1960.....        | 251   | 11,249 | 6,034                             | 7,734                           | 7,175  | 6,561                                   | 2  | 8,568   | 9,002   | 6,140   | 5,224  |
| Outward—         |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 10,778  | 20     | 2,419                             | 721                             | 73   | 48                                      | 6,304  | 1,005   | 3,975   | 889   | 890  |
| 1960.....        | 2,980   | 5      | 342                               | 102                             | 590  | 181                                     | 15,189   | 929   | 9,842   | 897   | 109  |
| <i>Domestic—</i> |   |        |                                   |                                 |  |   |  |   |   |   |  |
| Inward—          |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        |   |        | 34                                |                                 |  | 2                                       |  | 26  |   |   | 3  |
| 1960.....        |   |        | 83                                | 367                             |  | 5                                       |  | 10  | 552   |   | 1  |
| Outward—         |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 56  | 1,186  | 1,772                             | 1,889                           | 4,506  | 857                                     | 2,110  | 386   | 1,690   | 30  | 903  |
| 1960.....        | 29  | 205    | 1,259                             | 437                             | 1,904  | 35                                      | 697  | 139   | 467   | 17  | 111  |
| <i>Totals—</i>   |   |        |                                   |                                 |  |   |  |   |   |   |  |
| Inward—          |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 140   | 9,666  | 5,513                             | 6,363                           | 4,200  | 7,930                                   | 49   | 6,999   | 2,440   | 7,088   | 5,805  |
| 1960.....        | 251   | 11,249 | 6,117                             | 8,101                           | 7,175  | 6,566                                   | 555  | 8,578   | 9,554   | 6,140   | 5,225  |
| Outward—         |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 10,834  | 1,206  | 4,191                             | 2,610                           | 4,669  | 905                                     | 8,414  | 1,391   | 5,665   | 919   | 1,793  |
| 1960.....        | 3,009   | 210    | 1,601                             | 539                             | 2,494  | 216                                     | 15,886   | 1,068   | 10,309  | 914   | 220  |
| Total—           |   |        |                                   |                                 |  |   |  |   |   |   |  |
| 1961.....        | 10,974  | 10,872 | 9,704                             | 8,973                           | 8,869  | 8,835                                   | 8,463  | 8,390   | 8,105   | 8,007   | 7,598  |
| 1960.....        | 3,260   | 11,459 | 7,718                             | 8,640                           | 9,669  | 6,782                                   | 16,441   | 9,646   | 19,863  | 7,054   | 5,445  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Asbestos<br>and<br>Asbestos<br>Manufac-<br>tures | Oil Cake<br>and<br>Oil-cake<br>Meal | Food-<br>stuffs,<br>canned or<br>preserved,<br>not other-<br>wise<br>specified | Rock<br>and<br>Stone | Wood-pulp | Fruits and<br>Fruit<br>Products<br>(including<br>Juices)<br>not other-<br>wise<br>specified | Tobacco<br>and<br>Tobacco<br>Manufac-<br>tures | Iron or<br>Steel<br>Manufac-<br>tures not<br>otherwise<br>specified | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots or<br>slabs | All Goods<br>not<br>otherwise<br>specified | Total<br>Year |
|------------------|--|-------------------------------------|--|----------------------|-----------|---|--|---|--|--|---------------|
| <i>Foreign—</i>  |  |                                     |  |                      |           |   |  |   |  |  |               |
| Inward—          |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 139  | .....                               | 2,023  | 1,216                | 17        | 4,073   | 262  | 4,953   | .....  | 110,136                                    | 3,364,887     |
| 1960.....        | 146  | .....                               | 1,082  | 1,031                | 29        | 3,822   | 97   | 3,628   | 1  | 122,467                                    | 3,446,000     |
| Outward—         |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 7,222  | 7,322                               | 1,745  | 22                   | 6,974     | 1,983   | 6,341  | 825   | 6,633  | 77,779                                     | 2,338,945     |
| 1960.....        | 7,544  | 6,288                               | 426  | 6                    | 3,546     | 649   | 4,511  | 433   | 4,163  | 72,903                                     | 2,499,285     |
| <i>Domestic—</i> |  |                                     |  |                      |           |   |  |   |  |  |               |
| Inward—          |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | .....  | .....                               | 7  | 5,000                | .....     | 7   | 1  | 28  | .....  | 4,253                                      | 567,486       |
| 1960.....        | 1  | .....                               | 120  | .....                | .....     | 7   | 1  | 5   | .....  | 3,919                                      | 431,813       |
| Outward—         |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 14   | .....                               | 3,470  | 879                  | 106       | 910   | 243  | 907   | .....  | 52,946                                     | 1,624,830     |
| 1960.....        | 2  | .....                               | 2,619  | 287                  | 17        | 616   | 172  | 135   | .....  | 39,718                                     | 1,606,849     |
| <i>Totals—</i>   |  |                                     |  |                      |           |   |  |   |  |  |               |
| Inward—          |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 139  | .....                               | 2,030  | 6,216                | 17        | 4,080   | 263  | 4,981   | .....  | 114,389                                    | 3,932,373     |
| 1960.....        | 147  | .....                               | 1,202  | 1,031                | 29        | 3,829   | 98   | 3,633   | 1  | 126,386                                    | 3,877,813     |
| Outward—         |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 7,236  | 7,322                               | 5,215  | 901                  | 7,080     | 2,893   | 6,584  | 1,732   | 6,633  | 130,725                                    | 3,963,775     |
| 1960.....        | 7,546  | 6,288                               | 3,045  | 293                  | 3,563     | 1,265   | 4,683  | 1,568   | 4,163  | 112,621                                    | 4,106,134     |
| <i>Total—</i>    |  |                                     |  |                      |           |   |  |   |  |  |               |
| 1961.....        | 7,375  | 7,322                               | 7,245  | 7,117                | 7,097     | 6,973   | 6,847  | 6,713   | 6,633  | 245,114                                    | 7,896,148     |
| 1960.....        | 7,693  | 6,288                               | 4,247  | 1,324                | 3,592     | 5,094   | 4,781  | 4,201   | 4,164  | 239,007                                    | 7,983,947     |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed | Embarked | Total  |
|-------------------|--------|----------|--------|
| <i>Foreign—</i>   |        |          |        |
| 1961.....         | 16,541 | 2,158    | 18,699 |
| 1960.....         | 25,452 | 4,063    | 29,515 |
| 1959.....         | 34,084 | 5,033    | 39,117 |
| 1958.....         | 36,523 | 5,166    | 41,689 |
| 1957.....         | 64,314 | 8,747    | 73,061 |
| <i>Coastwise—</i> |        |          |        |
| 1961.....         | 508    | 1,127    | 1,635  |
| 1960.....         | 528    | 223      | 751    |
| 1959.....         | 385    | 243      | 628    |
| 1958.....         | 451    | 305      | 756    |
| 1957.....         | 326    | 240      | 566    |
| <i>Total—</i>     |        |          |        |
| 1961.....         | 17,049 | 3,285    | 20,334 |
| 1960.....         | 25,980 | 4,286    | 30,266 |
| 1959.....         | 34,469 | 5,276    | 39,745 |
| 1958.....         | 36,974 | 5,471    | 42,445 |
| 1957.....         | 64,640 | 8,987    | 73,627 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1961.....         | 4,690,900  | 14,810,027 | 19,500,927 |
| 1960.....         | 4,560,608  | 10,443,743 | 15,004,351 |
| 1959.....         | 1,878,576  | 12,869,211 | 14,747,787 |
| 1958.....         | 219,576    | 13,410,698 | 13,630,274 |
| 1957.....         |            | 11,095,089 | 11,095,089 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         | 12,604,290 | 1,803,410  | 14,407,700 |
| 1960.....         | 8,094,360  | 2,073,628  | 10,167,988 |
| 1959.....         | 12,320,841 | 1,182,937  | 13,503,778 |
| 1958.....         | 13,192,072 | 100,000    | 13,292,072 |
| 1957.....         | 11,539,325 |            | 11,539,325 |
| <i>Via other—</i> |            |            |            |
| 1961.....         |            | 279,529    | 279,529    |
| 1960.....         |            | 102,847    | 102,847    |
| 1959.....         |            | 13,923     | 13,923     |
| 1958.....         |            | 12,210     | 12,210     |
| 1957.....         |            | 20,341     | 20,341     |
| <i>Total—</i>     |            |            |            |
| 1961.....         | 17,295,190 | 16,892,966 | 34,188,156 |
| 1960.....         | 12,654,968 | 12,620,218 | 25,275,186 |
| 1959.....         | 14,199,417 | 14,066,071 | 28,265,488 |
| 1958.....         | 13,411,648 | 13,522,908 | 26,934,556 |
| 1957.....         | 11,539,325 | 11,115,430 | 22,654,755 |



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$445,178. The main items were repairs to freight elevators at the Cold Storage Plant; replacement of circuit breakers and walkways, gallery 26 at the Grain Elevator system; replacement of timber frame and siding at shed 24; resurfacing of concrete apron at shed 28 and replacement of siding on the waterside of sheds 21 and 22.

## CAPITAL WORKS

Expenditures on capital account amounted to \$565,150 of which \$35,852 was provided from replacement fund and \$529,298 from Board revenues. The principal items were:—

*Replacement of Landside Doors, Shed 22.*—A contract was awarded to Purdy Bros. Limited, in June 1961, for the supply and erection of 20 vertical lift steel cargo doors. These doors are 19 feet by 10 feet, and were installed on the landside of shed 22. This work is to be completed in 1962.

*Paving Open Areas, Pier A-1.*—In October 1961, a contract was awarded to Standard Paving Maritime Limited, for the installation of a drainage system, the grading and paving of all open areas at Pier A-1. The total area involved amounted to 232,500 sq. ft. This work was completed at the end of the year.

*Paving Roadway and Area adjacent to Central Stores Building.*—Standard Paving Maritime Limited, was awarded a contract in July, 1961 covering the laying of asphalt pavement on the roadway to the Central Stores Building and the areas adjacent to this structure; an area of 45,000 sq. ft. was hard surfaced under this contract. The work was completed at the end of August, 1961.

*Provision of Steel Cargo Platforms, Transit Shed 2.*—A contract for the supplying of eleven steel cargo platforms for installation at pier 2 was awarded to Webb Engineering Limited, in February, 1961. These platforms are of steel construction and are provided with lifting and lowering mechanism; they replaced the movable wooden type platforms used previously.

*Steel Trucking Ramp to Upper Storey, Transit Shed 2.*—The contract, for the construction of a new steel trucking ramp to the upper storey of transit shed 2, was awarded to Standard Construction Company Limited, in June, 1961. The new ramp is 180 feet long, the supporting members are all of steel construction with a timber deck on the roadway. The start of work on this project has been postponed.

*Renovation of Ground Floor, Administration Building.*—During the year, the Board's own forces carried out the renovation of the ground floor area of the administration building. The section formerly occupied by stores was converted into office and storage space and the time-offices were renovated.

*Power Shovel Equipment for Marine Leg.*—E. S. Stephenson and Company Limited was awarded a contract in June, 1960 for the supplying of power shovel winches and drives, etc., controlled by pneumatically operated clutches designed to maintain a constant head of grain over the boot of the marine leg. The equipment delivered by the end of the year 1960, was installed by Board forces and the installation was completed during 1961.

*Refacing Pier 9.*—A contract was awarded to T. C. Gorman (Nova Scotia) Limited in September, 1960, for the refacing of 700 feet of original pier 9. The work was commenced in November, 1960 and completed in August 1961.

*Installation of Sprinkler System, Immigration Quarters.*—Grinnell Company of Canada Limited was awarded a contract in October, 1960, for the installation of an automatic sprinkler system throughout the second floor quarters of shed 21, which are occupied by Canadian Immigration personnel. The work was commenced in December, 1960 and completed in June, 1961.

*Installation of New Steam Boiler, Cold Storage Plant.*—A contract was awarded to Purdy Brothers Limited, in October, 1960, for the installation of a new steam boiler at the cold storage plant. The work was completed in June, 1961.

*Minor Items.*—These included the replacement of a  $\frac{1}{2}$  ton panel truck, a portable air compressor and a drilling machine.

## INCOME AND EXPENSE

Operating income amounted to \$2,131,170, as compared with \$2,056,895 in 1960, the increase being \$74,275. Operating expenses were \$1,995,993 as compared with \$1,887,424 in 1960. Net operating income was \$135,177 in 1961, as against \$169,471 in the previous year, the decrease being \$34,294.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the year's operations resulted in a net loss of \$764,313, as compared with a net loss of \$723,762 in 1960. (Note: The loss reported in 1960 has been adjusted for comparative purposes from \$717,499 to \$723,762: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

# HARBOUR OF HALIFAX

## BALANCE SHEET AS AT DECEMBER 31, 1961

### ASSETS

|   |                   |
|---|-------------------|
| <b>CURRENT:</b>   |                   |
| Cash on hand and on deposit with the Receiver General of Canada.....        | \$ 231,590        |
| Accounts Receivable (less provision of \$15,225 for doubtful accounts)..... | 264,060           |
| Inventories of Operating and Maintenance Supplies, at cost.....             | 138,387           |
| Accrued Income.....   | 141,412           |
| Prepaid Expenses.....   | 329               |
|   | <u>\$ 775,778</u> |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....                      | 22,681            |

**RESERVE FUND ASSETS—**  
(cash on deposit with the Receiver General of Canada, \$404,267; Canada or Canada guaranteed bonds at amortized cost, \$8,238,045; market value, \$7,532,049) held for:

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | 8,170,642        |
| Fire and General Insurance.....    | 551,670          |
|                                    | <u>8,702,312</u> |

### CAPITAL ASSETS—

|                                      |                   |
|--------------------------------------|-------------------|
| (at cost or estimated cost)          |                   |
| Harbour Dredging.....                | 118,397           |
| Real Estate.....                     | 617,478           |
| Roads, Fences and Boundaries.....    | 351,732           |
| Sewers and Drains.....               | 177,089           |
| Miscellaneous Structures.....        | 17,571            |
| Wharves and Piers.....               | 21,482,016        |
| Permanent Sheds.....                 | 7,971,109         |
| Shed Hoists and Electric Cranes..... | 310               |
| Grain Elevator System.....           | 4,567,359         |
| Cold Storage System.....             | 2,121,312         |
| Office Furniture and Appliances..... | 40,943            |
| Harbour Buildings.....               | 870,902           |
| Central Heating Plants.....          | 72,970            |
| Harbour Shops.....                   | 29,813            |
| Electric Power System.....           | 96,285            |
| Water Supply System.....             | 188,666           |
| Floating Equipment.....              | 21,283            |
| Shore Equipment.....                 | 53,503            |
| Miscellaneous Small Plant.....       | 94,515            |
| Works under Construction.....        | 167,948           |
|                                      | <u>39,061,201</u> |

### LIABILITIES

|  |                   |
|--|-------------------|
| <b>CURRENT:</b>  |                   |
| ACCOUNTS PAYABLE—GENERAL.....                          | \$ 145,600        |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS              | 61,348            |
| CONTRACTORS' HOLDBACKS.....                            | 17,854            |
| DEFERRED INCOME.....                                   | 21,735            |
|  | <u>\$ 246,537</u> |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (CONTRA)..... | 22,681            |

**PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA:**  
Assets transferred to the Board on its establishment, and subsequently..... 17,076,443  
Loans and Advances..... 24,339,267  
Interest in arrears on Loans and Advances..... 8,044,589

### Reserves:

|                                 |                   |
|---------------------------------|-------------------|
| Replacement of Capital Assets.. | \$10,277,733      |
| Fire and General Insurance....  | 531,670           |
|                                 | <u>10,809,443</u> |
|                                 | <u>60,319,742</u> |

### Deduct: Deficit—

|  |                   |
|--|-------------------|
| Balance at beginning of year.....                                | 11,262,675        |
| Add: Loss for the year, per statement of Income and Expense..... | 764,313           |
| Balance at end of year.....                                      | <u>12,026,988</u> |

48,292,754

\$ 48,561,972

\$ 48,561,972

## HARBOUR OF HALIFAX

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME—

|                             |                   |                   |
|-----------------------------|-------------------|-------------------|
| Harbour—                    |                   |                   |
| Harbour Dues.....           | \$ 51,610         |                   |
| Property Rentals.....       | 29,615            |                   |
| Miscellaneous.....          | 335               |                   |
|                             | <u>          </u> | \$ 81,560         |
| Wharves and Piers—          |                   |                   |
| Top Wharfage.....           | 476,707           |                   |
| Dockage.....                | 188,735           |                   |
| Wharf Space Rentals.....    | 38,131            |                   |
| Miscellaneous.....          | 204               |                   |
|                             | <u>          </u> | 703,777           |
| Grain Elevator System—      |                   |                   |
| Elevation.....              | 257,758           |                   |
| Storage.....                | 225,502           |                   |
| Rentals.....                | 50                |                   |
| Miscellaneous.....          | 32,847            |                   |
|                             | <u>          </u> | 516,157           |
| Cold Storage System—        |                   |                   |
| Storage.....                | 285,183           |                   |
| Miscellaneous.....          | 124,379           |                   |
|                             | <u>          </u> | 409,562           |
| Permanent Sheds—            |                   |                   |
| Shed Rentals.....           | 116,966           |                   |
| Storage.....                | 48,222            |                   |
| Miscellaneous.....          | 181,156           |                   |
|                             | <u>          </u> | 346,344           |
| Miscellaneous Services..... |                   | 73,770            |
|                             |                   | <u>          </u> |
|                             |                   | \$2,131,170       |

## OPERATING EXPENSES—

|   |                   |                   |
|---|-------------------|-------------------|
| Operation and Maintenance—                                  |                   |                   |
| Harbour.....  | 316,276           |                   |
| Wharves and Piers.....                                      | 60,714            |                   |
| Grain Elevator System.....                                  | 505,481           |                   |
| Cold Storage System.....                                    | 449,893           |                   |
| Permanent Sheds.....  | 357,336           |                   |
| Miscellaneous Services.....                                 | 67,636            |                   |
|   | <u>          </u> | 1,757,336         |
| Administrative—   |                   |                   |
| Salaries.....   | 88,079            |                   |
| Contributions to Public Service Superannuation Account..... | 51,796            |                   |
| Office Expenses.....  | 8,884             |                   |
| Miscellaneous.....  | 89,898            |                   |
|   | <u>          </u> | 238,657           |
|   |                   | <u>          </u> |
|   |                   | 1,995,993         |
| NET OPERATING INCOME.....                                   |                   | <u>          </u> |
|   |                   | 135,177           |

## Add: OTHER INCOME—

|  |                   |                   |
|--|-------------------|-------------------|
| Income from Investments (less \$18,725 transferred to Reserves<br>other than for Replacement of Capital Assets)..... | 329,873           |                   |
| Miscellaneous.....   | 7,988             |                   |
|  | <u>          </u> | 337,861           |
|  |                   | <u>          </u> |
|  |                   | 473,038           |

## Deduct: SPECIAL CHARGES—

|   |                   |           |
|---|-------------------|-----------|
| Provision for Interest on Loans and Advances..... | 775,780           |           |
| Provision for Replacement of Capital Assets.....  | 444,440           |           |
| Loss (net) on disposal of Capital Assets.....     | 10,252            |           |
| Other.....  | 6,879             |           |
|   | <u>          </u> | 1,237,351 |

|               |  |                   |
|---------------|--|-------------------|
| NET LOSS..... |  | <u>          </u> |
|               |  | \$ 764,313        |



HARBOUR OF SAINT JOHN

The Harbour of Saint John, situated at the mouth of the Saint John River on the north shore of the Bay of Fundy, is open to navigation the year round and is served by both the Canadian Pacific and the Canadian National Railways. It is accessible from the sea by a main channel 600 feet wide with a minimum depth of 30 feet at extreme low tide. The National Harbours Board operates wharves and piers with about 13,365 linear feet of berthing, providing 25 deepsea berths and 6 berths for coastal shipping. There are 14 transit sheds, including frost-proof areas in 3 sheds, with an aggregate floor space of about 947,000 square feet, all with rail connections. The Board's grain elevator, on the west side of the Harbour, has a storage capacity of 1,576,800 bushels, and is connected to 9 of the berths by over 2 miles of conveyor galleries with a shipping capacity of 60,000 bushels per hour. Two locomotive cranes and one 65-ton floating crane are available.

SHIPPING

The number of vessels arriving during 1961 was 10% higher than the previous year. Although this was not a record, the net registered tonnage of these vessels was the highest ever recorded at the port.

VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 1,747                   | 3,692,924                    |
| 1960..... | 1,588                   | 3,545,617                    |
| 1959..... | 1,529                   | 2,639,575                    |
| 1958..... | 1,660                   | 2,507,257                    |
| 1957..... | 1,589                   | 2,563,574                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

| —   | 1961              |                        | 1960              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| Deepsea or ocean-going commercial.....                | 556               | 2,360,456              | 569               | 2,262,602              |
| Coastal or inland commercial (including fishery)..... | 1,120             | 1,300,432              | 968               | 1,249,129              |
| Other.....  | 71                | 32,036                 | 51                | 33,886                 |
| Total.....  | 1,747             | 3,692,924              | 1,588             | 3,545,617              |

(Exclusive of naval vessels)

## CARGO

Although decreased traffic was recorded in some commodities, the most significant of which was a decline in the number of vehicles imported, increased imports of crude oil and exports of grain and newsprint contributed to the overall rise of 14%.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

| —                | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1961.....        | 2,715,202 | 1,277,581 | 3,992,783 |
| 1960.....        | 2,504,092 | 1,137,258 | 3,641,350 |
| 1959.....        | 983,662   | 1,104,189 | 2,087,851 |
| 1958.....        | 858,482   | 1,147,450 | 2,005,932 |
| 1957.....        | 787,811   | 1,318,515 | 2,106,326 |
| <i>Domestic—</i> |           |           |           |
| 1961.....        | 404,438   | 1,174,929 | 1,579,367 |
| 1960.....        | 435,262   | 827,121   | 1,262,383 |
| 1959.....        | 432,367   | 127,796   | 560,163   |
| 1958.....        | 400,648   | 138,634   | 539,282   |
| 1957.....        | 425,600   | 136,937   | 562,537   |
| <i>Total—</i>    |           |           |           |
| 1961.....        | 3,119,640 | 2,452,510 | 5,572,150 |
| 1960.....        | 2,939,354 | 1,964,379 | 4,903,733 |
| 1959.....        | 1,416,029 | 1,231,985 | 2,648,014 |
| 1958.....        | 1,259,130 | 1,286,084 | 2,545,214 |
| 1957.....        | 1,213,411 | 1,455,452 | 2,668,863 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

*Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, crude | Petroleum<br>Oil,<br>fuel | Grain   | Gasoline | Sugar,<br>raw | Motor<br>Vehicles<br>and<br>Parts | Paper,<br>newsprint | Flour,<br>wheat | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots<br>or slabs | Potatoes |
|------------------|-------------------------|---------------------------|---------|----------|---------------|-----------------------------------|---------------------|-----------------|---|--|----------|
| <i>Foreign—</i>  |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| Inward—          |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | 2,080,521               | 7,743                     | 52      | .....    | 246,991       | 146,626                           | .....               | 725             | 375   | .....  | .....    |
| 1960.....        | 1,529,477               | 119,017                   | 17      | 21,893   | 244,918       | 288,280                           | .....               | 4               | 3,709   | .....  | .....    |
| Outward—         |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | .....                   | .....                     | 586,975 | .....    | .....         | 14,101                            | 88,275              | 76,030          | 48,866  | 51,240   | 49,065   |
| 1960.....        | .....                   | 31                        | 474,926 | .....    | .....         | 14,206                            | 41,092              | 99,173          | 49,846  | 41,390   | 49,781   |
| <i>Domestic—</i> |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| Inward—          |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | .....                   | 234,131                   | .....   | 133,109  | .....         | .....                             | .....               | 1,544           | 5,511   | .....  | .....    |
| 1960.....        | .....                   | 260,584                   | 60      | 135,924  | .....         | 21                                | .....               | 3,868           | 170   | .....  | .....    |
| Outward—         |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | .....                   | 796,670                   | 185     | 324,163  | .....         | 14                                | .....               | 629             | 191   | .....  | 108      |
| 1960.....        | .....                   | 528,517                   | 388     | 236,225  | .....         | 233                               | .....               | 884             | 1,070   | .....  | 41       |
| <i>Totals—</i>   |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| Inward—          |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | 2,080,521               | 241,874                   | 52      | 133,109  | 246,991       | 146,626                           | .....               | 2,269           | 5,886   | .....  | .....    |
| 1960.....        | 1,529,477               | 379,001                   | 77      | 157,817  | 244,918       | 288,301                           | .....               | 3,872           | 3,879   | .....  | .....    |
| Outward—         |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | .....                   | 796,670                   | 587,160 | 324,163  | .....         | 14,115                            | 88,275              | 76,659          | 49,057  | 51,249   | 49,173   |
| 1960.....        | .....                   | 528,548                   | 475,314 | 236,225  | .....         | 14,439                            | 41,092              | 100,057         | 50,916  | 41,390   | 49,822   |
| Total—           |                         |                           |         |          |               |                                   |                     |                 |   |  |          |
| 1961.....        | 2,080,521               | 1,038,544                 | 587,212 | 457,272  | 246,991       | 160,741                           | 88,275              | 78,928          | 54,943  | 51,240   | 49,173   |
| 1960.....        | 1,529,477               | 908,149                   | 475,391 | 394,042  | 244,918       | 302,740                           | 41,092              | 108,929         | 54,795  | 41,390   | 49,822   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Fertilizers<br>and<br>Fertilizer<br>Materials | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs<br>rods,<br>sheets<br>or slabs | Iron or<br>Steel<br>Bars, not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Oil<br>Cake<br>and<br>Oil-cake<br>Meal | Wood-pulp | Rubber,<br>crude<br>(including<br>Latex) | Glass<br>and<br>Glass<br>Manu-<br>factures | Machinery<br>and<br>Parts<br>(except<br>agricul-<br>tural) | Pulpboard<br>(except<br>Wallboard) | Molasses | Iron or<br>Steel,<br>scrap |
|------------------|---|--|--|--|-----------|--|--|--|------------------------------------|----------|----------------------------|
| —                |   |  |  |  |           |  |  |  |                                    |          |                            |
| <i>Foreign—</i>  |   |  |  |  |           |  |  |  |                                    |          |                            |
| Inward—          |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 36,469  | 224  | 10,760   | .....                                  | .....     | 236                                      | 21,252                                     | 13,928   | 43                                 | 18,581   | 20                         |
| 1960.....        | 36,077  | 592  | 52,840   | .....                                  | .....     | 151                                      | 23,588                                     | 14,466   | 29                                 | 20,986   | 61                         |
| Outward—         |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 23  | 33,404   | 20,812   | 28,760                                 | 26,697    | 24,242                                   | 52   | 5,859  | 19,553                             | .....    | 18,750                     |
| 1960.....        | 16  | 58,257   | 2,713  | 46,092                                 | 18,295    | 24,417                                   | 266  | 5,525  | 18,100                             | .....    | 6,190                      |
| <i>Domestic—</i> |   |  |  |  |           |  |  |  |                                    |          |                            |
| Inward—          |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | .....   | .....  | .....  | .....                                  | .....     | 1,423                                    | 182  | 64   | .....                              | .....    | .....                      |
| 1960.....        | .....   | 701  | 442  | .....                                  | .....     | 4,538                                    | 97   | 103  | 29                                 | .....    | 13                         |
| Outward—         |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 230   | 173  | 20   | 2,175                                  | .....     | 96                                       | 428  | 207  | 177                                | 325      | 33                         |
| 1960.....        | 92  | .....  | 313  | 1,930                                  | 34        | .....                                    | 831  | 196  | 219                                | 461      | .....                      |
| <i>Totals—</i>   |   |  |  |  |           |  |  |  |                                    |          |                            |
| Inward—          |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 36,469  | 224  | 10,760   | .....                                  | .....     | 1,659                                    | 21,434                                     | 13,992   | 43                                 | 18,581   | 20                         |
| 1960.....        | 36,077  | 1,293  | 53,282   | .....                                  | .....     | 4,689                                    | 23,685                                     | 14,569   | 58                                 | 20,986   | 74                         |
| Outward—         |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 253   | 33,577   | 20,832   | 30,935                                 | 26,697    | 24,338                                   | 480  | 6,066  | 19,730                             | 325      | 18,783                     |
| 1960.....        | 108   | 58,257   | 3,026  | 48,022                                 | 18,329    | 24,417                                   | 1,097                                      | 5,721  | 18,319                             | 461      | 6,190                      |
| <i>Total—</i>    |   |  |  |  |           |  |  |  |                                    |          |                            |
| 1961.....        | 36,722  | 33,801   | 31,592   | 30,935                                 | 26,697    | 25,997                                   | 21,914                                     | 20,058   | 19,773                             | 18,906   | 18,803                     |
| 1960.....        | 36,185  | 59,550   | 56,308   | 48,022                                 | 18,329    | 29,106                                   | 24,782                                     | 20,290   | 18,377                             | 21,447   | 6,264                      |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Paper not<br>otherwise<br>specified | Jute<br>and<br>Jute<br>Manu-<br>factures | Food-<br>stuffs,<br>canned<br>or<br>preserved,<br>not<br>otherwise<br>specified | Chemicals<br>not<br>otherwise<br>specified | Iron or<br>Steel Manu-<br>factures not<br>otherwise<br>specified | Tobacco<br>and<br>Tobacco<br>Manu-<br>factures | Hides,<br>Leather<br>and<br>Leather<br>Manu-<br>factures | Fruit<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Electrical<br>Goods not<br>otherwise<br>specified | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified |
|------------------|--|-------------------------------------|--|---|--|--|--|--|---|---|---|
| <i>Foreign—</i>  |  |                                     |  |   |  |  |  |  |   |   |   |
| Inward—          |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 347  | 2,359                               | 15,009                                   | 3,404   | 5,067                                      | 6,388  | 170  | 1,459  | 6,614   | 4,902   | .....   |
| 1960.....        | 85   | 3,010                               | 16,918                                   | 3,023   | 5,742                                      | 6,240  | 117  | 2,088  | 5,285   | 5,398   | .....   |
| Outward—         |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 17,577   | 13,295                              | 734                                      | 1,982   | 8,692                                      | 4,026  | 10,160   | 8,469  | 1,782   | 4,474   | 1,691   |
| 1960.....        | 12,467   | 8,426                               | 4  | 10,839  | 8,314                                      | 2,316  | 13,864   | 7,685  | 368   | 2,292   | 3,557   |
| <i>Domestic—</i> |  |                                     |  |   |  |  |  |  |   |   |   |
| Inward—          |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | .....  | 88                                  | .....                                    | 8,451   | 171  | 34   | .....  | 289  | 1,019   | 14  | .....   |
| 1960.....        | .....  | 11                                  | 201                                      | 6,289   | 88   | .....  | .....  | 8  | 631   | 33  | .....   |
| Outward—         |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 160  | 599                                 | 16                                       | 1,763   | 901  | 345  | .....  | 76   | 652   | .....   | 7,326   |
| 1960.....        | 34   | 620                                 | 40                                       | 1,124   | 529  | 473  | 72   | 28   | 1,025   | 149   | 7,913   |
| <i>Totals—</i>   |  |                                     |  |   |  |  |  |  |   |   |   |
| Inward—          |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 347  | 2,447                               | 15,009                                   | 11,855  | 5,238                                      | 6,422  | 170  | 1,748  | 7,633   | 4,916   | .....   |
| 1960.....        | 85   | 3,021                               | 16,119                                   | 9,312   | 5,830                                      | 6,240  | 117  | 2,096  | 3,916   | 5,431   | .....   |
| Outward—         |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 17,737   | 13,894                              | 750                                      | 3,745   | 9,593                                      | 4,371  | 10,160   | 8,545  | 2,434   | 4,474   | 9,017   |
| 1960.....        | 12,501   | 9,046                               | 44                                       | 11,963  | 8,843                                      | 2,789  | 13,936   | 7,713  | 1,393   | 2,441   | 11,470  |
| Total—           |  |                                     |  |   |  |  |  |  |   |   |   |
| 1961.....        | 18,084   | 16,341                              | 15,759                                   | 15,600  | 14,831                                     | 10,793   | 10,330   | 10,293   | 10,067  | 9,390   | 9,017   |
| 1960.....        | 12,586   | 12,067                              | 16,163                                   | 21,275  | 14,673                                     | 9,029  | 14,053   | 9,809  | 7,309   | 7,872   | 11,470  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                      |           | Copper<br>Concen-<br>trates,<br>Matte and<br>Ore | Logs,<br>Masts,<br>Piling,<br>Pitprops,<br>Poles,<br>Posts,<br>Spars<br>and Ties<br>(railway) | Cotton<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Tin<br>and<br>Tin<br>Manu-<br>factures | Vegetables,<br>canned or<br>preserved | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Beverages,<br>alcoholic | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Fish<br>(including<br>Shell-fish),<br>canned or<br>preserved | All<br>Goods<br>not<br>otherwise<br>specified | Total     |
|----------------------|-----------|--|---|--|--|---------------------------------------|---|-------------------------|---|--|---|-----------|
| Foreign—<br>Inward—  | 1961..... | 226  | .....   | 2,625  | 302                                    | 519                                   | 169   | 4,938                   | 169   | 237  | 75,978  | 2,715,202 |
|                      | 1960..... | .....  | .....   | 3,476  | 172                                    | 97                                    | 107   | 5,658                   | 101   | 512  | 64,015  | 2,504,092 |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Domestic—<br>Inward— | 1961..... | 8,987  | 8,670   | 2,536  | 6,786                                  | 5,691                                 | 6,728   | 658                     | 6,495   | 4,415  | 61,020  | 1,277,581 |
|                      | 1960..... | 6,789  | 7,732   | 1,125  | 103                                    | 2,993                                 | 11,551  | 1,314                   | 11,409  | 3,760  | 56,222  | 1,137,258 |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Totals—<br>Inward—   | 1961..... | 24   | .....   | 2,032  | 292                                    | .....                                 | .....   | 37                      | .....   | 1,582  | 14,465  | 404,438   |
|                      | 1960..... | .....  | .....   | 1,512  | 6                                      | 107                                   | .....   | 508                     | .....   | 1,855  | 16,780  | 435,262   |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Totals—<br>Inward—   | 1961..... | .....  | .....   | 347  | 90                                     | 982                                   | 219   | 1,242                   | 25  | 229  | 34,133  | 1,174,929 |
|                      | 1960..... | .....  | 135   | 233  | 129                                    | 623                                   | 39  | 1,372                   | 50  | 201  | 44,241  | 827,121   |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Totals—<br>Inward—   | 1961..... | .....  | .....   | 4,657  | 594                                    | 519                                   | 169   | 4,975                   | 169   | 1,819  | 90,443  | 3,119,640 |
|                      | 1960..... | .....  | .....   | 4,988  | 178                                    | 204                                   | 107   | 6,166                   | 101   | 2,367  | 80,795  | 2,939,354 |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Totals—<br>Inward—   | 1961..... | 8,987  | 8,670   | 2,883  | 6,876                                  | 6,673                                 | 6,947   | 1,900                   | 6,520   | 4,644  | 95,453  | 2,452,510 |
|                      | 1960..... | 6,789  | 7,867   | 1,358  | .....                                  | 3,621                                 | 11,590  | 2,686                   | 11,459  | 3,961  | 100,463                                       | 1,964,379 |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |
| Totals—<br>Inward—   | 1961..... | 8,987  | 8,670   | 7,540  | 7,470                                  | 7,192                                 | 7,116   | 6,875                   | 6,689   | 6,463  | 185,596                                       | 5,572,150 |
|                      | 1960..... | 7,039  | 7,867   | 6,346  | 410                                    | 3,825                                 | 11,697  | 8,852                   | 11,560  | 6,328  | 181,258                                       | 4,903,733 |
|                      | Outward—  |  |   |  |  |                                       |   |                         |   |  |   |           |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1961.....         | 765    | 540      | 1,305   |
| 1960.....         | 708    | 722      | 1,430   |
| 1959.....         | 1,606  | 1,237    | 2,879   |
| 1958.....         | 2,375  | 1,980    | 4,355   |
| 1957.....         | 10,181 | 2,435    | 12,616  |
| <i>Coastwise—</i> |        |          |         |
| 1961.....         | 43,559 | 43,888   | 87,447  |
| 1960.....         | 47,527 | 47,391   | 94,918  |
| 1959.....         | 48,588 | 46,422   | 95,010  |
| 1958.....         | 49,954 | 50,624   | 100,578 |
| 1957.....         | 53,421 | 53,073   | 106,494 |
| <i>Total—</i>     |        |          |         |
| 1961.....         | 44,324 | 44,428   | 88,752  |
| 1960.....         | 48,235 | 48,113   | 96,348  |
| 1959.....         | 50,194 | 47,695   | 97,889  |
| 1958.....         | 52,329 | 52,604   | 104,933 |
| 1957.....         | 63,602 | 55,508   | 119,110 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via Water—</i> |            |            |            |
| 1961.....         | 19,181,395 | 19,181,395 | 19,181,395 |
| 1960.....         | 14,478,924 | 14,478,924 | 14,478,924 |
| 1959.....         | 18,433,241 | 18,433,241 | 18,433,241 |
| 1958.....         | 18,959,644 | 18,959,644 | 18,959,644 |
| 1957.....         | 16,096,593 | 16,096,593 | 16,096,593 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         | 19,446,863 | 19,446,863 | 19,446,863 |
| 1960.....         | 14,789,871 | 14,789,871 | 14,789,871 |
| 1959.....         | 18,835,396 | 18,835,396 | 18,835,396 |
| 1958.....         | 18,457,035 | 18,457,035 | 18,457,035 |
| 1957.....         | 16,514,916 | 16,514,916 | 16,514,916 |
| <i>Via other—</i> |            |            |            |
| 1961.....         |            |            |            |
| 1960.....         |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1961.....         | 19,446,863 | 19,181,395 | 38,628,258 |
| 1960.....         | 14,789,871 | 14,478,924 | 29,268,795 |
| 1959.....         | 18,835,396 | 18,433,241 | 37,268,637 |
| 1958.....         | 18,457,035 | 18,959,644 | 37,416,679 |
| 1957.....         | 16,514,916 | 16,096,593 | 32,611,509 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$321,946.00. The principal items were dredging all berths to their required depths; repairing timber trestle at piers 5, 6, and 7, vertical fenders, Broad Street Wharf, shed doors, and concrete pavement; renewing circuit breakers in transit sheds 8, 9, 10 and 11, portion of roof on shed 8 and grain elevator sash; painting exterior of sheds 11, 12 and 13, interior of shed 12, and grain galleries 102, 101, 7, R, S, and SS.

## CAPITAL WORKS

Expenditures on capital account amounted to \$1,318,545, of which \$479,960.00, was provided from replacement fund. The principal items were:—

*Reconstruction of Long Wharf*—The Foundation Company of Canada Limited was awarded a contract in February, 1961, for the reconstruction of Long Wharf. When completed in 1962, the wharf will provide two berths, each over 600 feet long, with a depth of 30 feet at low water.

*Construction of Restroom Facilities, Pier 2-3 Extension*—E. F. Andersen was awarded a contract in June, 1961, for the construction of Restroom Facilities, Pier 2-3 Extension. The building is of a prefabricated steel construction and is equipped with its own heating and washroom facilities. It is 80 feet long and 28 feet wide.

*Raising Wharf Apron, Shed 12*—The work of raising the apron at shed 12 was undertaken by the Board's forces. It consisted of raising the copewall 2 feet, filling with gravel and pouring a new concrete apron. The work was completed in October.

*Minor Items*—These consisted of the purchase of a portable air compressor, a sounding boat, and a jeep; improvements to the approaches of shed 12, and parking lots; installation of grain sampling equipment, and photo electric cells to control harbour lighting; construction of a grain inspection office in Elevator "H" and a deck scow; also ventilation of offices in Pugsley Terminal transit shed.

## INCOME AND EXPENSE

Operating income amounted to \$1,000,072, as compared with \$973,481 in 1960, while operating expenses totalled \$933,603, as against \$959,037 in the previous year. Net operating income was \$66,469 in 1961 as compared with \$14,444 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$984,635 in 1961 as against a net loss of \$993,956 in 1960. (Note: The loss reported in 1960 has been adjusted for comparative purposes from \$1,031,106 to \$993,956: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).



## HARBOUR OF SAINT JOHN

## BALANCE SHEET AS AT DECEMBER 31, 1961

| ASSETS  |               | LIABILITIES   |               |
|---|---------------|---|---------------|
| CURRENT—  |               | CURRENT—  |               |
| Cash on hand and on deposit with the Receiver General of Canada.....  | \$ 185,727    | Accounts Payable—General.....   | \$ 171,380    |
| Accounts Receivable (less provision of \$576 for doubtful accounts).....  | 96,275        | Accounts Payable—Construction Contractors.....                              | 108,608       |
| Inventories of Operating and Maintenance Supplies, at cost.....   | 41,944        | Contractors' Holdbacks.....   | 116,560       |
| Accrued Income.....   | 53,551        | Deferred Income.....  | 26,181        |
| Prepaid Expenses.....   | 1,057         |   | \$ 422,729    |
|   | \$ 378,554    | CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....                      | 115,586       |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....  | 115,586       |   |               |
| RESERVE FUND ASSETS—  |               | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |               |
| (Cash on deposit with the Receiver General of Canada, \$568,128; Canada or Canada-guaranteed bonds at amortized cost, \$5,000,485; market value, \$4,563,716) held for: |               | Assets transferred to the Board on its establishment, and subsequently..... | \$ 6,965,941  |
| Replacement of Capital Assets.....  | 4,883,312     | Loans and Advances.....   | 28,285,364    |
| Fire and General Insurance.....   | 485,301       | Interest in arrears on Loans and Advances.....                              | 13,167,673    |
|   | 5,368,613     | Reserves:   |               |
| CAPITAL ASSETS—   |               | Replacement of Capital Assets \$ 9,608,847                                  |               |
| (At cost or estimated cost)   |               | Fire and General Insurance....  | 485,301       |
| Harbour Dredging.....   | 1,229,568     |   | 10,094,148    |
| Real Estate.....  | 2,036,780     |   |               |
| Vehicle Bridges.....  | 30,107        |   | 58,513,126    |
| Roads, Fences and Boundaries.....   | 192,918       |   |               |
| Wharves and Piers.....  | 20,872,184    |   |               |
| Permanent Sheds.....  | 4,858,838     |   |               |
| Railway System.....   | 192,661       |   |               |
| Grain Elevator System.....  | 4,586,126     |   |               |
| Office Furniture and Appliances.....  | 26,001        | Deduct: Deficit—  |               |
| Harbour Buildings.....  | 145,768       | Balance at beginning of year.....   | 16,352,451    |
| Central Heating Plants.....   | 19,280        | Add: Loss for the year, per statement of Income and Expense.....            | 984,635       |
| Water Supply System.....  | 15,289        |   |               |
| Floating Equipment.....   | 164,422       |   |               |
| Shore Equipment.....  | 190,973       |   |               |
| Miscellaneous Small Plant.....  | 26,384        | Balance at end of year.....   | \$17,337,086  |
| Works under Construction.....   | 1,264,303     |   | 41,176,040    |
|   | 35,851,602    |   |               |
|   | \$ 41,714,355 |   | \$ 41,714,355 |

## HARBOUR OF SAINT JOHN

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME—

## Harbour—

|                       |           |           |
|-----------------------|-----------|-----------|
| Harbour Dues.....     | \$ 32,201 |           |
| Property Rentals..... | 49,160    |           |
| Miscellaneous.....    | 2,501     |           |
|                       |           | \$ 83,862 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 486,133 |         |
| Dockage.....             | 166,442 |         |
| Wharf Space Rentals..... | 1,164   |         |
| Miscellaneous.....       | 2,437   |         |
|                          |         | 656,176 |

## Grain Elevator System—

|              |  |        |
|--------------|--|--------|
| Rentals..... |  | 76,475 |
|--------------|--|--------|

## Permanent Sheds—

|                    |        |        |
|--------------------|--------|--------|
| Shed Rentals.....  | 31,136 |        |
| Storage.....       | 30,665 |        |
| Miscellaneous..... | 40     |        |
|                    |        | 61,841 |

|                             |         |             |
|-----------------------------|---------|-------------|
| Miscellaneous Services..... | 121,718 |             |
|                             |         | \$1,000,072 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |         |         |
|---|---------|---------|
| Harbour (including \$125,395 for dredging)..... | 350,366 |         |
| Wharves and Piers.....                          | 102,786 |         |
| Grain Elevator System.....                      | 26,658  |         |
| Permanent Sheds.....                            | 196,410 |         |
| Miscellaneous Services.....                     | 117,977 |         |
|   |         | 794,197 |

## Administrative—

|   |        |         |
|---|--------|---------|
| Salaries.....   | 66,470 |         |
| Contributions to Public Service Superannuation Account..... | 22,221 |         |
| Office Expenses.....  | 4,731  |         |
| Miscellaneous.....  | 45,984 |         |
|   |        | 139,406 |

933,603

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 66,469 |
|---------------------------|--|--------|

## Add: OTHER INCOME—

|   |         |         |
|---|---------|---------|
| Income from Investments (less \$17,245 transferred to Reserves other than for Replacement of Capital Assets)..... | 202,465 |         |
| Miscellaneous.....  | 131     |         |
|   |         | 202,596 |
|   |         | 269,065 |

## Deduct: SPECIAL CHARGES—

|   |         |           |
|---|---------|-----------|
| Provision for Interest on Loans and Advances..... | 824,845 |           |
| Provision for Replacement of Capital Assets.....  | 424,069 |           |
| Loss on disposal of Capital Assets.....           | 1,077   |           |
| Other.....  | 3,709   |           |
|   |         | 1,253,700 |

|               |            |  |
|---------------|------------|--|
| NET LOSS..... | \$ 984,635 |  |
|---------------|------------|--|

HARBOUR OF CHICOUTIMI

The Harbour of Chicoutimi is situated on the Saguenay River about 75 miles from its mouth. The Saguenay flows into the St. Lawrence River at a point 120 miles below Quebec. The facilities operated by the National Harbours Board include 2,750 linear feet of wharf, providing 5 berths for ships of 26-foot draft and 1 berth for coastal vessels; one open mooring berth with a draft of 20 feet for oil tankers; a concrete transit shed 400 feet by 60 feet, a frame shed 150 feet by 40 feet, and about 8,500 feet of standard gauge railway tracks connecting with the Canadian National Railways.

SHIPPING

The number of vessels arriving during 1961 increased 9% over the previous year and their net registered tonnage was an all-time record.

VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 184                     | 228,313                      |
| 1960..... | 169                     | 192,195                      |
| 1959..... | 207                     | 225,527                      |
| 1958..... | 193                     | 184,740                      |
| 1957..... | 206                     | 200,349                      |

(Exclusive of naval vessels)

VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

|   | 1961                    |                              | 1960                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| Deepsea or ocean-going commercial.....                | 11                      | 20,325                       | 9                       | 21,824                       |
| Coastal or inland commercial (including fishery)..... | 162                     | 204,777                      | 154                     | 168,781                      |
| Other.....  | 11                      | 3,211                        | 6                       | 1,590                        |
| Total.....  | 184                     | 228,313                      | 169                     | 192,195                      |

(Exclusive of naval vessels)

## CARGO

Increases in fuel oil and gasoline were primarily responsible for an all-time record of cargo tonnage handled which increased 24% over the previous year.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward  | Outward | Total   |
|------------------|---------|---------|---------|
|                  | (Tons)  | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |         |         |         |
| 1961.....        | 24,197  | 6,262   | 30,459  |
| 1960.....        | 8,718   | 1,510   | 10,228  |
| 1959.....        | 41,783  | 1,532   | 43,315  |
| 1958.....        | 23,490  | 3,715   | 27,205  |
| 1957.....        | 56,534  | 3,469   | 60,003  |
| <i>Domestic—</i> |         |         |         |
| 1961.....        | 366,479 | 2,726   | 369,205 |
| 1960.....        | 307,023 | 4,474   | 311,497 |
| 1959.....        | 339,961 | 10,920  | 350,881 |
| 1958.....        | 285,587 | 3,356   | 288,943 |
| 1957.....        | 289,027 | 5,383   | 294,410 |
| <i>Total—</i>    |         |         |         |
| 1961.....        | 390,676 | 8,988   | 399,664 |
| 1960.....        | 315,741 | 5,984   | 321,725 |
| 1959.....        | 381,744 | 12,452  | 394,196 |
| 1958.....        | 309,077 | 7,071   | 316,148 |
| 1957.....        | 345,561 | 8,852   | 354,413 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

*Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Petroleum<br>Oil, fuel | Gasoline | Coal,<br>bituminous | Wood,<br>unmanu-<br>factured,<br>not<br>otherwise<br>specified | Sulphur | Metal<br>Scrap not<br>otherwise<br>specified | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | All Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|------------------------|----------|---------------------|--|---------|--|---|--|---------|
| <i>Foreign—</i>  |                        |          |                     |  |         |  |   |  |         |
| Inward—          |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 10,375                 | 1,618    | 8,133               | .....  | 2,822   | .....  | .....   | 1,249                                      | 24,197  |
| 1960.....        | .....                  | .....    | 8,718               | .....  | .....   | .....  | .....   | .....                                      | 8,718   |
| Outward—         |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | .....                  | .....    | .....               | 3,710  | .....   | 2,552  | .....   | .....                                      | 6,262   |
| 1960.....        | .....                  | .....    | .....               | 1,510  | .....   | .....  | .....   | .....                                      | 1,510   |
| <i>Domestic—</i> |                        |          |                     |  |         |  |   |  |         |
| Inward—          |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 204,648                | 143,636  | 10,166              | 112  | .....   | .....  | .....   | 7,917                                      | 366,479 |
| 1960.....        | 162,581                | 126,178  | 10,504              | .....  | .....   | .....  | .....   | 5,955                                      | 307,023 |
| Outward—         |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 810                    | 342      | .....               | .....  | .....   | .....  | 1,496   | 78   | 2,726   |
| 1960.....        | .....                  | .....    | .....               | .....  | .....   | .....  | 3,844   | 624  | 4,474   |
| <i>Totals—</i>   |                        |          |                     |  |         |  |   |  |         |
| Inward—          |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 215,023                | 145,254  | 18,299              | 112  | 2,822   | .....  | .....   | 9,166                                      | 390,676 |
| 1960.....        | 162,581                | 126,178  | 19,222              | .....  | .....   | .....  | .....   | 5,955                                      | 315,741 |
| Outward—         |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 810                    | 342      | .....               | 3,710  | .....   | 2,552  | 1,496   | 78   | 8,988   |
| 1960.....        | .....                  | .....    | .....               | 1,510  | .....   | .....  | 3,844   | 624  | 5,984   |
| Total—           |                        |          |                     |  |         |  |   |  |         |
| 1961.....        | 215,833                | 145,596  | 18,299              | 3,822  | 2,822   | 2,552  | 1,496   | 9,244                                      | 399,664 |
| 1960.....        | 162,581                | 126,178  | 19,222              | 1,510  | .....   | .....  | 3,844   | 6,579                                      | 321,725 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed | Embarked | Total |
|-------------------|--------|----------|-------|
| <i>Foreign—</i>   |        |          |       |
| 1961.....         |        |          |       |
| 1960.....         |        |          |       |
| 1959.....         |        |          |       |
| 1958.....         | NONE   |          |       |
| 1957.....         |        |          |       |
| <i>Coastwise—</i> |        |          |       |
| 1961.....         | 3,420  | 3,294    | 6,714 |
| 1960.....         | 3,212  | 3,223    | 6,435 |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |
| <i>Total—</i>     |        |          |       |
| 1961.....         | 3,420  | 3,294    | 6,714 |
| 1960.....         | 3,212  | 3,223    | 6,435 |
| 1959.....         | 3,488  | 3,860    | 7,348 |
| 1958.....         | 3,562  | 3,544    | 7,106 |
| 1957.....         | 3,836  | 3,833    | 7,669 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$27,521. The principal items were general repairs to wharves, piers, bulkheads, sheds, roads, lighting and railway system.

## CAPITAL WORKS

Capital expenditures amounted to \$14,965. The work consisted of:—

*Dredging Saguenay River.*—Widening and deepening of Pointe l'Îlet anchorage.

## INCOME AND EXPENSE

Operating income amounted to \$130,844, as compared with \$120,428 in 1960. Operating expenses were \$53,656, the corresponding figure in 1960 being \$44,608. Net operating income was \$77,188, as compared with \$75,820 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$35,618, as compared with a net loss of \$37,991 in 1960.

# HARBOUR OF CHICOUTIMI BALANCE SHEET AS AT DECEMBER 31, 1961

## ASSETS

| CURRENT—   |                  |
|--|------------------|
| Cash on hand and on deposit with the Receiver General of Canada..... | \$ 50,194        |
| Accounts Receivable.....   | 5,703            |
| Inventories of Operating and Maintenance Supplies, at cost.....      | 4,607            |
|  | <u>\$ 60,504</u> |

| RESERVE FUND ASSETS—  |                  |
|---|------------------|
| (cash on deposit with the Receiver General of Canada, \$223,873; Canada or Canada guaranteed bonds at amortized cost, \$399,160; market value, \$825,829) held for: |                  |
| Replacement of Capital Assets.....  | 1,094,746        |
| Fire and General Insurance.....   | 28,287           |
|   | <u>1,123,033</u> |

| CAPITAL ASSETS—                      |                     |
|--------------------------------------|---------------------|
| at cost or estimated cost:           |                     |
| Harbour Dredging.....                | 460,793             |
| Real Estate.....                     | 35,626              |
| Roads, Fences and Boundaries.....    | 115,906             |
| Sewers and Drains.....               | 165,653             |
| Wharves and Piers.....               | 3,008,032           |
| Permanent Sheds.....                 | 124,083             |
| Railway System.....                  | 38,589              |
| Office Furniture and Appliances..... | 4,065               |
| Electric Power System.....           | 4,561               |
| Water Supply System.....             | 16,768              |
| Floating Equipment.....              | 3,202               |
| Shore Equipment.....                 | 3,988               |
| Miscellaneous Small Plant.....       | 1,507               |
| Engineering—General Surveys.....     | 9,995               |
| Works under Construction.....        | 428                 |
|                                      | <u>3,990,206</u>    |
|                                      | <u>\$ 5,173,743</u> |

## LIABILITIES

| CURRENT—                      |               |
|-------------------------------|---------------|
| Accounts Payable—General..... | \$ 574        |
| Deferred Income.....          | 10,321        |
|                               | <u>10,895</u> |

| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |            |
|---|------------|
| Assets transferred to the Board on its establishment, and subsequently..... | \$ 459,398 |
| Loans and Advances.....   | 3,830,286  |
| Interest in Arrears on Loans and Advances.....                              | 2,947,841  |

| Reserves:                                   |                  |
|---|------------------|
| Replacement of Capital Assets. \$ 1,048,216 |                  |
| Fire and General Insurance....              | 28,287           |
|   | <u>1,076,503</u> |
|   | <u>8,314,028</u> |

| Deduct: Deficit—   |                  |
|--|------------------|
| Balance at beginning of year.....                                | 3,115,562        |
| Add: Loss for the year, per statement of Income and Expense..... | 35,618           |
| Balance at end of year.....                                      | <u>3,151,180</u> |

|                     |
|---------------------|
| 5,162,848           |
| <u>\$ 5,173,743</u> |

# HARBOUR OF CHICOUTIMI

## STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1961

### OPERATING INCOME—

#### Harbour—

|                       |          |          |
|-----------------------|----------|----------|
| Harbour Dues.....     | \$ 1,228 |          |
| Property Rentals..... | 100      |          |
| Miscellaneous.....    | 292      |          |
|                       |          | \$ 1,620 |

#### Wharves and Piers—

|                          |        |         |
|--------------------------|--------|---------|
| Top Wharfage.....        | 49,349 |         |
| Dockage.....             | 6,229  |         |
| Wharf Space Rentals..... | 67,913 |         |
| Miscellaneous.....       | 10     |         |
|                          |        | 123,501 |

#### Permanent Sheds—

|                   |       |       |
|-------------------|-------|-------|
| Shed Rentals..... | 1,000 |       |
| Storage.....      | 4,038 |       |
|                   |       | 5,038 |

|                             |     |           |
|-----------------------------|-----|-----------|
| Miscellaneous Services..... | 685 |           |
|                             |     | \$130,844 |

### OPERATING EXPENSES—

#### Operation and Maintenance—

|                             |        |        |
|-----------------------------|--------|--------|
| Harbour.....                | 6,592  |        |
| Wharves and Piers.....      | 17,611 |        |
| Permanent Sheds.....        | 10,867 |        |
| Railway System.....         | 397    |        |
| Miscellaneous Services..... | 1,777  |        |
|                             |        | 37,244 |

#### Administrative—

|   |        |        |
|---|--------|--------|
| Salaries.....   | 10,700 |        |
| Contributions to Public Service Superannuation Account..... | 2,063  |        |
| Office Expenses.....  | 1,267  |        |
| Miscellaneous.....  | 2,382  |        |
|   |        | 16,412 |
|   |        | 53,656 |

|                           |  |        |
|---------------------------|--|--------|
| NET OPERATING INCOME..... |  | 77,188 |
|---------------------------|--|--------|

### Add: OTHER INCOME—

|  |        |         |
|--|--------|---------|
| Income from Investments (less \$1,088 transferred to Reserves other than for Replacement of Capital Assets)..... | 32,914 |         |
|  |        | 110,102 |

### Deduct: SPECIAL CHARGES—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 105,529 |         |
| Provision for Replacement of Capital Assets.....  | 40,157  |         |
| Other.....  | 34      |         |
|   |         | 145,720 |

|               |  |           |
|---------------|--|-----------|
| NET LOSS..... |  | \$ 35,618 |
|---------------|--|-----------|



## HARBOUR OF QUEBEC

The Harbour of Quebec is situated on the St. Lawrence River about 160 miles below Montreal. It is open to all ocean navigation for about 8 months in the year and to coastal and limited ocean navigation the year round. The facilities operated by the National Harbours Board include 21,600 linear feet of berthing, providing 29 deepsea berths and 14 berths for coastal shipping. There are 9 transit sheds with a total floor area of about 707,000 square feet; 23 miles of standard gauge terminal railway connected with both Canadian railways; a grain elevator with a capacity of 6,000,000 bushels and 2,000 linear feet of shipping galleries, with a shipping capacity of 90,000 bushels per hour; 4 marine towers for unloading boats; also a modern cold storage warehouse with a capacity of 500,000 cubic feet, and a fish-house with a capacity of 1,000,000 pounds; a floating crane of 75 ton capacity, and 3 locomotive cranes with capacities up to 38 tons.

## SHIPPING

While the number of vessel arrivals was 2% lower than the 1960 figure, the use of larger vessels produced the highest aggregate net registered tonnage ever recorded at the harbour.

### VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 4,361                   | 8,024,856                    |
| 1960..... | 4,452                   | 7,747,613                    |
| 1959..... | 4,315                   | 7,681,873                    |
| 1958..... | 4,474                   | 6,781,925                    |
| 1957..... | 4,537                   | 6,884,587                    |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

| —   | 1961              |                        | 1960              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| Deepsea or ocean-going commercial.....                | 980               | 5,101,567              | 998               | 5,091,123              |
| Coastal or inland commercial (including fishery)..... | 3,209             | 2,822,827              | 3,249             | 2,528,235              |
| Other.....  | 172               | 100,462                | 205               | 128,255                |
| Total.....  | 4,361             | 8,024,856              | 4,452             | 7,747,613              |

(Exclusive of naval vessels)

## CARGO

Cargo tonnage handled surpassed the 1960 all-time record by 13%. Grain, iron and steel products and coal showed the most significant increases.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

| —                | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1961.....        | 546,609   | 1,044,198 | 1,590,807 |
| 1960.....        | 783,315   | 902,938   | 1,686,253 |
| 1959.....        | 679,016   | 898,675   | 1,577,691 |
| 1958.....        | 189,222   | 847,723   | 1,036,945 |
| 1957.....        | 90,636    | 814,425   | 905,061   |
| <i>Domestic—</i> |           |           |           |
| 1961.....        | 3,053,440 | 194,880   | 3,248,320 |
| 1960.....        | 2,367,625 | 229,243   | 2,596,868 |
| 1959.....        | 2,497,073 | 150,889   | 2,647,962 |
| 1958.....        | 2,661,433 | 260,861   | 2,922,294 |
| 1957.....        | 2,618,079 | 219,036   | 2,837,115 |
| <i>Total—</i>    |           |           |           |
| 1961.....        | 3,600,049 | 1,239,078 | 4,839,127 |
| 1960.....        | 3,150,940 | 1,132,181 | 4,283,121 |
| 1959.....        | 3,176,089 | 1,049,564 | 4,225,653 |
| 1958.....        | 2,850,655 | 1,108,584 | 3,959,239 |
| 1957.....        | 2,708,715 | 1,033,461 | 3,742,176 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Petroleum<br>Oil,<br>fuel | Grain     | Pulpwood | Gasoline | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Coal,<br>bituminous | Paper,<br>newsprint | Iron or<br>Steel,<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip and<br>Tin Plate | Metal<br>Scrap not<br>otherwise<br>specified | Rock<br>and<br>Stone | Cement,<br>common<br>or<br>portland |
|------------------|---------------------------|-----------|----------|----------|--|---------------------|---------------------|---|--|----------------------|-------------------------------------|
| <i>Foreign—</i>  |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| Inward—          |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 308,790                   | 26,897    |          | 0        | 2  |                     |                     | 40,085  | 2  | 37,566               | 1,990                               |
| 1960.....        | 579,605                   |           |          | 17,155   |  |                     | 1                   | 27,256  |  | 21,311               | 1,049                               |
| Outward—         |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 8,561                     | 360,445   |          |          | 276,851  |                     | 217,586             | 43,602  | 47,085                                       |                      |                                     |
| 1960.....        |                           | 205,906   |          |          | 265,594  |                     | 247,769             | 1,274   | 38,860                                       |                      |                                     |
| <i>Domestic—</i> |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| Inward—          |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 794,286                   | 629,397   | 865,970  | 455,488  |  | 220,375             |                     | 42,507  | 177  |                      | 10,748                              |
| 1960.....        | 462,429                   | 436,812   | 833,291  | 413,734  | 101  | 169,527             |                     | 1,140   |  | 9,557                | 1,734                               |
| Outward—         |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 108,215                   | 635       |          | 24,424   |  | 842                 |                     | 1,919   | 0  |                      | 17,309                              |
| 1960.....        | 143,637                   | 806       |          | 9,204    |  | 570                 |                     | 4,111   | 6,292  | 1,308                | 8,741                               |
| <i>Totals—</i>   |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| Inward—          |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 1,103,076                 | 656,294   | 865,970  | 455,488  |  | 220,375             |                     | 82,592  | 179  | 37,566               | 12,738                              |
| 1960.....        | 1,042,634                 | 436,812   | 833,291  | 430,859  | 103  | 169,527             | 1                   | 28,396  |  | 31,068               | 2,783                               |
| Outward—         |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 116,776                   | 361,080   |          | 24,424   | 276,851  | 842                 | 217,586             | 45,521  | 47,085                                       |                      | 17,309                              |
| 1960.....        | 143,637                   | 206,712   |          | 9,204    | 265,594  | 570                 | 247,769             | 5,365   | 45,152                                       | 1,308                | 8,741                               |
| Total—           |                           |           |          |          |  |                     |                     |   |  |                      |                                     |
| 1961.....        | 1,219,852                 | 1,017,374 | 865,970  | 479,912  | 276,851  | 221,217             | 217,586             | 128,113   | 47,264                                       | 37,566               | 30,047                              |
| 1960.....        | 1,185,671                 | 643,524   | 833,291  | 440,093  | 265,697  | 170,097             | 247,770             | 33,781  | 45,152                                       | 32,376               | 11,524                              |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Sulphur | Wood-pulp | Fertilizers<br>and<br>Fertilizer<br>Materials | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and Square<br>Timber | Motor<br>Vehicles,<br>and<br>Parts | Flour,<br>wheat | Coal,<br>anthracite | Pulpboard<br>(except<br>Wallboard) | Groceries<br>not<br>otherwise<br>specified | Aluminum<br>not<br>otherwise<br>specified | Glass and<br>Glass<br>Manu-<br>factures |
|------------------|---------|-----------|---|--|------------------------------------|-----------------|---------------------|------------------------------------|--|---|---|
| <i>Foreign—</i>  |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| Inward—          |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | 26,918  | .....     | 24,871  | 2,424  | 13,123                             | 207             | 8,409               | 238                                | 1,547                                      | 248                                       | 6,134                                   |
| 1960.....        | 28,591  | .....     | 28,020  | 3,199  | 18,492                             | .....           | 7,422               | .....                              | 1,826                                      | 180                                       | 6,211                                   |
| Outward—         |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | .....   | 25,301    | 143   | 12,391   | 137                                | 1,041           | .....               | 7,519                              | 0  | 6,704                                     | .....                                   |
| 1960.....        | .....   | 38,167    | 101   | 19,532   | 192                                | 3,126           | .....               | 1,100                              | 1  | 9,067                                     | .....                                   |
| <i>Domestic—</i> |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| Inward—          |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | .....   | .....     | .....   | 3,976  | 33                                 | 7,506           | .....               | .....                              | .....                                      | .....                                     | .....                                   |
| 1960.....        | .....   | 531       | .....   | 238  | 505                                | 14,343          | .....               | .....                              | 156  | 2,808                                     | .....                                   |
| Outward—         |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | .....   | .....     | 88  | .....  | 196                                | 2,127           | .....               | .....                              | 5,643                                      | .....                                     | .....                                   |
| 1960.....        | .....   | .....     | 106   | .....  | 453                                | 1,559           | .....               | .....                              | 9,522                                      | .....                                     | 259                                     |
| <i>Totals—</i>   |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| Inward—          |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | 26,918  | .....     | 24,871  | 6,400  | 13,156                             | 7,713           | 8,409               | 238                                | 1,547                                      | 248                                       | 6,134                                   |
| 1960.....        | 28,591  | 531       | 28,020  | 3,437  | 18,997                             | 14,343          | 7,422               | .....                              | 1,982                                      | 2,988                                     | 6,211                                   |
| Outward—         |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | .....   | 25,301    | 231   | 12,391   | 333                                | 3,168           | .....               | 7,519                              | 5,643                                      | 6,704                                     | .....                                   |
| 1960.....        | .....   | 38,167    | 207   | 19,532   | 645                                | 4,685           | .....               | 1,100                              | 9,523                                      | 9,067                                     | 259                                     |
| <i>Total—</i>    |         |           |   |  |                                    |                 |                     |                                    |  |   |   |
| 1961.....        | 26,918  | 25,301    | 25,102  | 18,791   | 13,489                             | 10,881          | 8,409               | 7,757                              | 7,190                                      | 6,952                                     | 6,134                                   |
| 1960.....        | 28,591  | 38,698    | 28,227  | 22,969   | 19,642                             | 19,028          | 7,422               | 1,100                              | 11,505                                     | 12,055                                    | 6,470                                   |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Wallboard | Vegetables,<br>canned<br>or preserved | Beverages,<br>alcoholic | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Brick | Tallow,<br>inedible | Fruits<br>and Fruit<br>Products<br>(including<br>Juices) not<br>otherwise<br>specified | Food-stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|-----------|---------------------------------------|-------------------------|---|-------|---------------------|--|--|---|--|-----------|
| <i>Foreign—</i>  |           |                                       |                         |   |       |                     |  |  |   |  |           |
| Inward—          |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 61        | 2,119                                 | 3,451                   | .....   | 1,197 | .....               | 1,831  | 898  | .....   | 37,673                                     | 546,609   |
| 1960.....        | 298       | 0                                     | 3,432                   | .....   | 1,380 | .....               | 1,666  | 1,884  | .....   | 34,635                                     | 783,315   |
| Outward—         |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 184       | 2,016                                 | 10                      | 2,886   | 54    | 2,290               | 22   | 994  | 1,384   | 26,992                                     | 1,044,198 |
| 1960.....        | 82        | 0                                     | 36                      | 42,690  | 109   | 1,769               | 10   | 2,451  | .....   | 25,102                                     | 902,938   |
| <i>Domestic—</i> |           |                                       |                         |   |       |                     |  |  |   |  |           |
| Inward—          |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 5,113     | .....                                 | 11                      | 240   | ..... | .....               | .....  | 44   | .....   | 17,569                                     | 3,053,440 |
| 1960.....        | 4,846     | 0                                     | 38                      | .....   | ..... | .....               | .....  | 193  | .....   | 15,442                                     | 2,367,625 |
| Outward—         |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | .....     | .....                                 | 529                     | .....   | 1,615 | .....               | 74   | .....  | .....   | 31,264                                     | 194,880   |
| 1960.....        | 632       | 0                                     | 724                     | .....   | 764   | .....               | 75   | 31   | .....   | 40,449                                     | 229,243   |
| <i>Totals—</i>   |           |                                       |                         |   |       |                     |  |  |   |  |           |
| Inward—          |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 5,174     | 2,119                                 | 3,462                   | 240   | 1,197 | .....               | 1,831  | 872  | .....   | 55,242                                     | 3,600,049 |
| 1960.....        | 5,144     | 0                                     | 3,470                   | .....   | 1,380 | .....               | 1,666  | 1,777  | .....   | 50,077                                     | 3,150,940 |
| Outward—         |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 184       | 2,016                                 | 539                     | 2,886   | 1,669 | 2,290               | 96   | 994  | 1,384   | 58,256                                     | 1,239,078 |
| 1960.....        | 714       | 0                                     | 760                     | 42,690  | 873   | 1,769               | 85   | 2,482  | .....   | 65,551                                     | 1,132,181 |
| Total—           |           |                                       |                         |   |       |                     |  |  |   |  |           |
| 1961.....        | 5,358     | 4,135                                 | 4,001                   | 3,126   | 2,866 | 2,290               | 1,927  | 1,866  | 1,384   | 113,498                                    | 4,839,127 |
| 1960.....        | 5,858     | 0                                     | 4,230                   | 42,690  | 2,253 | 1,769               | 1,751  | 4,259  | .....   | 115,628                                    | 4,283,121 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed | Embarked | Total   |
|-------------------|--------|----------|---------|
| <i>Foreign—</i>   |        |          |         |
| 1961.....         | 7,445  | 6,882    | 14,327  |
| 1960.....         | 15,146 | 9,497    | 24,643  |
| 1959.....         | 14,113 | 9,481    | 23,594  |
| 1958.....         | 15,084 | 8,166    | 23,250  |
| 1957.....         | 51,076 | 23,162   | 74,238  |
| <i>Coastwise—</i> |        |          |         |
| 1961.....         | 16,259 | 14,897   | 31,156  |
| 1960.....         | 6,884  | 5,603    | 12,487  |
| 1959.....         | 11,010 | 9,644    | 20,654  |
| 1958.....         | 14,720 | 15,582   | 30,302  |
| 1957.....         | 14,871 | 13,428   | 28,299  |
| <i>Total—</i>     |        |          |         |
| 1961.....         | 23,704 | 21,779   | 45,483  |
| 1960.....         | 22,030 | 15,100   | 37,130  |
| 1959.....         | 25,123 | 19,125   | 44,248  |
| 1958.....         | 29,804 | 23,748   | 53,552  |
| 1957.....         | 65,947 | 36,950   | 102,537 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1961.....         | 25,735,919 | 12,082,086 | 37,818,005 |
| 1960.....         | 18,315,917 | 7,234,843  | 25,550,760 |
| 1959.....         | 22,489,928 | 11,481,764 | 33,971,692 |
| 1958.....         | 17,036,110 | 14,672,807 | 31,708,917 |
| 1957.....         | 10,278,683 | 8,893,999  | 19,172,682 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         | 2,400,474  | 13,591,023 | 15,991,497 |
| 1960.....         | 2,543,270  | 12,126,007 | 14,669,277 |
| 1959.....         | 4,972,091  | 12,009,399 | 16,981,490 |
| 1958.....         | 11,428,569 | 11,032,533 | 22,461,102 |
| 1957.....         | 8,648,455  | 8,027,290  | 16,675,745 |
| <i>Via other—</i> |            |            |            |
| 1961.....         | 4,397      | 2,640,897  | 2,645,294  |
| 1960.....         | 17         | 2,277,682  | 2,277,699  |
| 1959.....         | 137        | 2,270,130  | 2,270,267  |
| 1958.....         | 573        | 1,869,244  | 1,869,817  |
| 1957.....         | 112        | 1,630,574  | 1,630,686  |
| <i>Total</i>      |            |            |            |
| 1961.....         | 28,140,790 | 28,314,006 | 56,454,796 |
| 1960.....         | 20,859,204 | 21,638,532 | 42,497,736 |
| 1959.....         | 27,462,156 | 25,761,293 | 53,223,449 |
| 1958.....         | 28,465,252 | 27,574,584 | 56,039,836 |
| 1957.....         | 18,927,250 | 18,551,863 | 37,479,113 |

## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1961, with comparison for 1960.

|  | 1961   | 1960   |
|--|--------|--------|
| <i>Received from connecting lines (except through cars)—</i>   |        |        |
| Revenue cars.....  | 11,753 | 12,746 |
| Non-revenue cars.....  | 12,812 | 11,958 |
| Total.....   | 24,565 | 24,704 |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |        |
| Revenue cars.....  | 12,477 | 12,252 |
| Non-revenue cars.....  | 12,040 | 12,543 |
| Total.....   | 24,517 | 24,795 |
| <i>Through cars from connecting lines to connecting lines—</i> |        |        |
| Revenue cars.....  |        |        |
| Non-revenue cars.....  |        |        |
| Total.....   |        |        |
| <i>Switched locally—</i>                                       |        |        |
| Revenue cars.....  | 147    | 93     |
| Non-revenue cars.....  | 147    | 93     |
| Total.....   | 294    | 186    |
| <i>Total—</i>  |        |        |
| Revenue cars.....  | 23,377 | 25,091 |
| Non-revenue cars.....  | 24,999 | 24,594 |
| Total.....   | 48,376 | 49,685 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$526,427. The principal items were dredging at Wolfe's Cove Terminal to elevation 36, St. Lawrence Ship Channel datum, to remove high spots caused by siltage, the dredged material being deposited to fill in the shoreward half of the old Brown Basin; renewing roof covering of west annex and center storage of the grain elevator; renewing belting at the east annex, at loading point No. 3 and at the shipping house of the grain elevator; transforming the grain elevator office building to accommodate the grain accounting staff, formerly located in the main administration building and repairing oil pumps on diesel-electric locomotive No. 2.

## CAPITAL WORKS

Expenditure on capital account amounted to \$3,351,920 of which \$7,559 was provided from replacement fund and \$1,200,000 from revenues. The principal items were:—

*Harbour Development North of St. Charles River Estuary.*—Work was continued on the new development started in the late fall of 1959, east of the Anglo-Canadian Pulp & Paper Mills property. Raymond International Company Limited have practically completed their contract for the construction of a new wharf, 687 feet long, consisting of 6 concrete cribs which were sunk in place during the open season and on which was erected a concrete super-structure. The same contractor dredged 1,280,000 cubic yards, to elevation 37, St. Lawrence River Ship Channel datum, from the bed of the estuary in the approaches to the wharf. This part of the contract will be completed early in the spring of 1962. The dredged material is deposited as fill for this development. The present stage of development will provide approximately 3,500,000 square feet for harbour facilities and for rental to commercial and industrial firms.

*Remedial Measures at Wharf No. 19.*—A failure occurred at the east corner of this steel sheet piling wharf probably due to over torquing bolts attaching the waler to the sheet piling. Some bolts were apparently over tightened when attempting to improve the alignment of the wall. Remedial measures were carried out by Board forces consisting of excavating in rear of the sheet piling to relieve pressure, replacing broken and other back bolts by new ones, and back filling afterwards. The first vessel docked at the reconstructed wharf in November 1961.

*Reconstruction of Transit Shed No. 19.*—Beaudet & Fils Inc. completed in October, 1961, the contract awarded them the previous October, the erection, on the south side of the Outer Basin, of a single-storey steel frame transit shed, 462 feet long by 106 feet wide, with office accommodation on two floors at the west end.

*Reconstruction of Berth No. 26.*—Due to a failure in the old wharf at berth No. 26, built fifty years ago, tenders were called and a contract was awarded to Janin Construction Limited, in August 1961, for the strengthening and widening of that berth. In front of the old timber cribwork wharf, seven concrete cribs, 46 feet 10 inches wide and 112 feet long, spaced 3 feet apart, were sunk in place on a total length of 805 feet and a concrete super-structure was erected thereon. This contract was carried out rapidly and completed by the end of 1961.

*Remedial measures at Shed No. 26.*—To avoid the possible loss of transit shed No. 26, should the defective wharf have collapsed into the St. Lawrence River, Board forces carried out preventive measures. Steel columns were jacked up and the bollards of the old wharf were tied by steel cables to the landside columns of the shed. These measures were successful in preserving the shed with a minimum of damage, while retaining the old cribwork in place while the new cribs were being sunk.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:—Improvement of fire fighting equipment and replacement of some hazardous old electric motors at the grain elevator; purchase of a 3 ton, 4 wheel drive truck for heavy hauling and snow plowing; purchase of a car for the police force and other staff employees requiring transportation.



## INCOME AND EXPENSE

Operating income amounted to \$2,683,436, as compared with \$2,405,453 in 1960, the increase being \$277,983. Operating expenses were \$1,885,188, as compared with \$1,662,067 in 1960. Net operating income was \$798,248 in 1961, as compared with \$743,386 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, the accounts for the year showed a net loss of \$886,023, as compared with a net loss of \$909,775 in 1960. (Note: The loss reported in 1960 has been adjusted for comparative purposes from \$906,825 to 909,775: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

# HARBOUR OF QUEBEC

## BALANCE SHEET AS AT DECEMBER 31, 1961

### HARBOUR OF QUEBEC

53

#### ASSETS

##### CURRENT—

|  |                   |
|--|-------------------|
| Cash on hand and on deposit with the Receiver General of Canada.....       | \$ 127,065        |
| Accounts Receivable (less provision of \$3,667 for doubtful accounts)..... | 476,266           |
| Inventories of Operating and Maintenance Supplies, at cost.....            | 104,219           |
| Accrued Income.....  | 730               |
| Prepaid Expenses.....  | 1,546             |
|  | <u>\$ 709,816</u> |

##### INVESTMENT IN CANADA OR CANADA GUARANTEED BONDS— (at amortized cost, market value, \$100,980).....

|  |               |
|--|---------------|
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra)..... | 101,230       |
|  | <u>35,388</u> |

##### RESERVE FUND ASSETS—

(cash on deposit with the Receiver General of Canada, \$476,310; Canada or Canada guaranteed bonds at amortized cost, \$1,879,877; market value, \$1,786,857) held for:

|                                    |                  |
|------------------------------------|------------------|
| Replacement of Capital Assets..... | 1,988,798        |
| Fire and General Insurance.....    | 299,159          |
| Special Maintenance.....           | 68,230           |
|                                    | <u>2,356,187</u> |

##### CAPITAL ASSETS—

(at cost or estimated cost)

|                                      |                      |
|--------------------------------------|----------------------|
| Harbour Dredging.....                | 3,603,197            |
| Real Estate.....                     | 289,283              |
| Vehicular Bridges.....               | 171,869              |
| Roads, Fences and Boundaries.....    | 256,054              |
| Sewers and Drains.....               | 290,810              |
| Miscellaneous Structures.....        | 123,925              |
| Wharves and Piers.....               | 18,962,451           |
| Permanent Sheds.....                 | 4,185,519            |
| Shed Hoists and Electric Cranes..... | 12,000               |
| Railway System.....                  | 1,046,267            |
| Gran Elevator System.....            | 8,348,706            |
| Cold Storage System.....             | 859,378              |
| Office Furniture and Appliances..... | 23,326               |
| Harbour Buildings.....               | 220,400              |
| Central Heating Plants.....          | 9,515                |
| Harbour Shops.....                   | 29,792               |
| Electric Power System.....           | 346,806              |
| Water Supply System.....             | 37,956               |
| Floating Equipment.....              | 100,351              |
| Shore Equipment.....                 | 71,190               |
| Miscellaneous Small Plant.....       | 47,212               |
| Works under Construction.....        | 3,388,283            |
|                                      | <u>42,424,290</u>    |
|                                      | <u>\$ 45,626,911</u> |

#### LIABILITIES

##### CURRENT:

|  |                     |
|--|---------------------|
| ACCOUNTS PAYABLE—GENERAL.....                  | \$ 465,381          |
| ACCOUNTS PAYABLE—CONSTRUCTION CONTRACTORS..... | 373,787             |
| CONTRACTORS' HOLDBACKS.....                    | 315,724             |
| DEFERRED INCOME.....                           | 34,724              |
|  | <u>\$ 1,189,616</u> |

##### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....

|  |               |
|--|---------------|
|  | <u>35,388</u> |
|--|---------------|

##### PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—

|   |            |
|---|------------|
| Assets transferred to the Board on its establishment, and subsequently..... | 3,413,019  |
| Loans and Advances.....   | 40,875,940 |
| Interest in arrears on Loans and Advances.....                              | 23,279,960 |

##### Reserves:

|                                    |                   |
|------------------------------------|-------------------|
| Replacement of Capital Assets..... | \$11,040,129      |
| Fire and General Insurance.....    | 299,159           |
| Special Maintenance.....           | 68,230            |
|                                    | <u>11,407,518</u> |
|                                    | <u>78,976,437</u> |

##### Deduct: Deficit—

|  |                   |
|--|-------------------|
| Balance at beginning of year.....                                | 33,688,507        |
| Add: Loss for the year, per statement of Income and Expense..... | 886,023           |
|  | <u>34,574,530</u> |

\$ 44,401,907

\$ 45,626,911

## HARBOUR OF QUEBEC

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME—

## Harbour—

|                       |           |            |
|-----------------------|-----------|------------|
| Harbour Dues.....     | \$ 45,941 |            |
| Property Rentals..... | 127,006   |            |
| Miscellaneous.....    | 6,091     |            |
|                       |           | \$ 179,038 |

## Wharves and Piers—

|                          |         |         |
|--------------------------|---------|---------|
| Top Wharfage.....        | 546,435 |         |
| Dockage.....             | 235,575 |         |
| Wharf Space Rentals..... | 114,907 |         |
| Miscellaneous.....       | 1,357   |         |
|                          |         | 898,274 |

## Grain Elevator System—

|                    |         |           |
|--------------------|---------|-----------|
| Elevation.....     | 465,250 |           |
| Storage.....       | 508,870 |           |
| Miscellaneous..... | 33,825  |           |
|                    |         | 1,007,945 |

## Cold Storage System—

|                    |        |         |
|--------------------|--------|---------|
| Storage.....       | 70,564 |         |
| Miscellaneous..... | 40,199 |         |
|                    |        | 110,763 |

## Permanent Sheds—

|                   |        |        |
|-------------------|--------|--------|
| Shed Rentals..... | 48,743 |        |
| Storage.....      | 14,667 |        |
|                   |        | 63,410 |

|                     |         |  |
|---------------------|---------|--|
| Railway System..... | 158,899 |  |
|---------------------|---------|--|

|                             |         |  |
|-----------------------------|---------|--|
| Miscellaneous Services..... | 265,107 |  |
|-----------------------------|---------|--|

|  |             |
|--|-------------|
|  | \$2,683,436 |
|--|-------------|

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |         |           |
|---|---------|-----------|
| Harbour (including \$160,000 for dredging)..... | 446,758 |           |
| Wharves and Piers.....                          | 79,337  |           |
| Grain Elevator System.....                      | 463,944 |           |
| Cold Storage System.....                        | 149,791 |           |
| Permanent Sheds.....                            | 81,066  |           |
| Railway System.....                             | 217,394 |           |
| Miscellaneous Services.....                     | 253,591 |           |
|   |         | 1,691,881 |

## Administrative—

|   |        |         |
|---|--------|---------|
| Salaries.....   | 77,604 |         |
| Contributions to Public Service Superannuation Account..... | 42,406 |         |
| Office Expenses.....  | 3,819  |         |
| Miscellaneous.....  | 69,478 |         |
|   |        | 193,307 |

|  |           |
|--|-----------|
|  | 1,885,188 |
|--|-----------|

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 798,248 |
|---------------------------|---------|

## Add: OTHER INCOME—

|   |        |        |
|---|--------|--------|
| Income from Investments (less \$15,025 transferred to Reserves other than for Replacement of Capital Assets)..... | 81,218 |        |
| Profit on disposal of Capital Assets.....   | 1,088  |        |
| Miscellaneous.....  | 76     |        |
|   |        | 82,382 |

|  |         |
|--|---------|
|  | 880,630 |
|--|---------|

## Deduct: SPECIAL CHARGES—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 1,244,280 |           |
| Provision for Replacement of Capital Assets.....  | 518,276   |           |
| Other.....  | 4,097     |           |
|   |           | 1,766,653 |

|               |            |
|---------------|------------|
| NET LOSS..... | \$ 886,023 |
|---------------|------------|

## HARBOUR OF THREE RIVERS

The harbour of Three Rivers is situated at the confluence of the St. Lawrence and St. Maurice Rivers, about 80 miles below Montreal. It is open to all navigation for about  $8\frac{1}{2}$  months each year and to limited ocean navigation the year round. The facilities operated by the National Harbours Board include 8,600 linear feet of wharves which provide 15 deepsea berths with a minimum water depth of 30 feet and basin with 35 feet, and 4 berths for coastal or small vessels. There are 11 transit sheds with a total floor area of 341,000 square feet.

### SHIPPING

The number of vessel arrivals were 10% higher than in 1960, and a record was established both in numbers and net registered tonnage.

#### VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

| —         | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 3,329                   | 3,893,917                    |
| 1960..... | 3,029                   | 3,395,533                    |
| 1959..... | 3,150                   | 3,498,249                    |
| 1958..... | 2,784                   | 2,136,802                    |
| 1957..... | 3,226                   | 2,243,346                    |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

| —   | 1961                    |                              | 1960                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| Deepsea or ocean-going commercial.....                | 576                     | 2,277,730                    | 492                     | 1,795,873                    |
| Coastal or inland commercial (including fishery)..... | 2,635                   | 1,541,669                    | 2,421                   | 1,504,657                    |
| Other.....  | 118                     | 74,518                       | 116                     | 95,003                       |
| Total.....  | 3,329                   | 3,893,917                    | 3,029                   | 3,395,533                    |

(Exclusive of naval vessels)



## CARGO

Increased grain traffic was the greatest factor in producing a record year with total cargo tonnage 40% higher than in 1960. Substantial gains were also recorded in pulpwood and asbestos.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total     |
|------------------|-----------|-----------|-----------|
|                  | (Tons)    | (Tons)    | (Tons)    |
| <i>Foreign—</i>  |           |           |           |
| 1961.....        | 534,076   | 1,363,032 | 1,897,108 |
| 1960.....        | 530,780   | 586,065   | 1,116,845 |
| 1959.....        | 379,444   | 708,698   | 1,088,142 |
| 1958.....        | 263,267   | 753,809   | 1,017,076 |
| 1957.....        | 308,454   | 579,215   | 887,669   |
| <i>Domestic—</i> |           |           |           |
| 1961.....        | 2,822,553 | 42,419    | 2,864,972 |
| 1960.....        | 2,134,041 | 146,905   | 2,280,946 |
| 1959.....        | 2,235,644 | 50,639    | 2,286,283 |
| 1958.....        | 2,209,205 | 28,738    | 2,237,943 |
| 1957.....        | 2,519,568 | 10,134    | 2,529,702 |
| <i>Total—</i>    |           |           |           |
| 1961.....        | 3,356,629 | 1,450,451 | 4,762,080 |
| 1960.....        | 2,664,821 | 732,970   | 3,397,791 |
| 1959.....        | 2,615,088 | 759,337   | 3,374,425 |
| 1958.....        | 2,472,472 | 782,547   | 3,255,019 |
| 1957.....        | 2,828,022 | 589,349   | 3,417,371 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

*Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain     | Pulpwood  | Petroleum<br>Oil,<br>fuel | Paper,<br>newsprint | Coal,<br>bituminous | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Gasoline | Sulphur | Ores and<br>Concen-<br>trates not<br>otherwise<br>specified | Aluminum,<br>in bars,<br>billets,<br>blocks,<br>ingots,<br>pigs, rods,<br>sheets<br>or slabs | Chemicals<br>not<br>otherwise<br>specified |
|------------------|-----------|-----------|---------------------------|---------------------|---------------------|--|----------|---------|---|--|--|
| <i>Foreign—</i>  |           |           |                           |                     |                     |  |          |         |   |  |  |
| Inward—          |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 244,419   | .....     | 169,278                   | .....               | 57,580              | 2  | .....    | 43,716  | .....   | .....  | 25   |
| 1960.....        | 36,505    | .....     | 318,122                   | .....               | 78,724              | 707  | 19,974   | 53,187  | .....   | 6  | 144  |
| Outward—         |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 978,454   | .....     | .....                     | 211,056             | .....               | 112,475  | .....    | 1,845   | 15,077  | 7,047  | 9,085                                      |
| 1960.....        | 267,514   | .....     | 24                        | 200,399             | .....               | 64,135   | .....    | .....   | .....   | 10,266   | 13,680                                     |
| <i>Domestic—</i> |           |           |                           |                     |                     |  |          |         |   |  |  |
| Inward—          |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 720,542   | 1,679,016 | 189,238                   | .....               | 118,412             | .....  | 81,229   | .....   | 15,414  | 8,389  | .....                                      |
| 1960.....        | 285,802   | 1,503,788 | 180,425                   | .....               | 85,228              | 267  | 62,619   | .....   | .....   | 3,048  | .....                                      |
| Outward—         |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | .....     | .....     | 30,065                    | .....               | .....               | 51   | 8,018    | .....   | .....   | .....  | .....                                      |
| 1960.....        | 4,515     | .....     | 122,604                   | .....               | .....               | 30   | 12,088   | .....   | .....   | 1,476  | .....                                      |
| <i>Totals—</i>   |           |           |                           |                     |                     |  |          |         |   |  |  |
| Inward—          |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 964,961   | 1,679,016 | 358,516                   | .....               | 175,992             | 2  | 81,229   | 43,716  | 15,414  | 8,389  | 25   |
| 1960.....        | 322,307   | 1,503,788 | 498,547                   | .....               | 163,952             | 974  | 82,593   | 53,187  | .....   | 3,054  | 144  |
| Outward—         |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 978,454   | .....     | 30,065                    | 211,056             | .....               | 112,526  | 8,018    | 1,845   | 15,077  | 7,047  | 9,085                                      |
| 1960.....        | 272,029   | .....     | 122,628                   | 200,399             | .....               | 64,165   | 12,088   | .....   | .....   | 11,742   | 13,680                                     |
| Total—           |           |           |                           |                     |                     |  |          |         |   |  |  |
| 1961.....        | 1,943,415 | 1,679,016 | 388,581                   | 211,056             | 175,992             | 112,528  | 89,247   | 45,561  | 30,491  | 15,436   | 9,110                                      |
| 1960.....        | 594,336   | 1,503,788 | 621,175                   | 200,399             | 163,952             | 65,139   | 94,681   | 53,187  | .....   | 14,796   | 13,824                                     |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Aluminum<br>Manufac-<br>tures not<br>otherwise<br>specified | Acetic<br>Acid | Iron or<br>Steel,<br>structural | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and Square<br>Timber | Calcium<br>Carbide | Ferro-<br>alloys | Coal,<br>anthracite | Iron or<br>Steel<br>Tubes,<br>Pipe and<br>Fittings | Paper not<br>otherwise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total     |
|------------------|---|----------------|---------------------------------|---|--------------------|------------------|---------------------|--|-------------------------------------|--|-----------|
| <i>Foreign—</i>  |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| Inward—          |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        |   |                | 2,259                           | 4,338   |                    |                  | 1,987               | 558  |                                     | 9,914                                      | 534,076   |
| 1960.....        |   |                | 5,258                           | 2,582   |                    |                  | 3,558               |  |                                     | 12,063                                     | 530,780   |
| Outward—         |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        | 8,574   | 4,805          | 1,222                           | 34  | 3,498              | 3,226            |                     |  | 1,061                               | 5,573                                      | 1,363,082 |
| 1960.....        | 10,448  | 4,729          | 332                             | 264   | 5,028              | 1,880            |                     | 46   |                                     | 7,320                                      | 586,065   |
| <i>Domestic—</i> |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| Inward—          |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        |   |                |                                 | 400   |                    |                  |                     | 1,135  |                                     | 8,778                                      | 2,822,553 |
| 1960.....        |   |                |                                 | 1,901   |                    |                  |                     |  |                                     | 10,963                                     | 2,134,041 |
| Outward—         |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        |   |                | 1,323                           |   |                    |                  |                     |  |                                     | 2,962                                      | 42,419    |
| 1960.....        | 280   | 1              |                                 |   |                    |                  |                     | 1,584  |                                     | 4,327                                      | 146,905   |
| <i>Totals—</i>   |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| Inward—          |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        |   |                | 2,259                           | 4,738   |                    |                  | 1,987               | 1,693  |                                     | 18,692                                     | 3,356,629 |
| 1960.....        |   |                | 5,590                           | 4,433   |                    |                  | 3,558               |  |                                     | 23,026                                     | 2,664,821 |
| Outward—         |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        | 8,574   | 4,805          | 2,545                           | 34  | 3,498              | 3,226            |                     |  | 1,061                               | 8,535                                      | 1,405,451 |
| 1960.....        | 10,728  | 4,730          |                                 | 264   | 5,028              | 1,880            |                     | 1,630  |                                     | 11,647                                     | 739,970   |
| <i>Total—</i>    |   |                |                                 |   |                    |                  |                     |  |                                     |  |           |
| 1961.....        | 8,574   | 4,805          | 4,804                           | 4,772   | 3,498              | 3,226            | 1,987               | 1,693  | 1,061                               | 27,227                                     | 4,762,080 |
| 1960.....        | 10,728  | 4,730          | 5,590                           | 4,697   | 5,028              | 1,880            | 3,558               | 1,630  |                                     | 34,673                                     | 3,397,791 |

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1961.....         | 33,023,259 | 33,163,609 | 66,186,868 |
| 1960.....         | 11,043,997 | 9,193,681  | 20,237,678 |
| 1959.....         | 15,276,670 | 14,752,478 | 30,029,148 |
| 1958.....         | 16,971,335 | 17,068,584 | 34,039,919 |
| 1957.....         | 10,628,779 | 10,108,534 | 20,737,313 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         | 199,851    | 76,319     | 276,170    |
| 1960.....         | 879,173    | 79,026     | 958,199    |
| 1959.....         | 273,279    | 178,793    | 452,072    |
| 1958.....         | 22,329     | 110,554    | 132,883    |
| 1957.....         | 1,563,352  | 224,872    | 1,788,224  |
| <i>Via other—</i> |            |            |            |
| 1961.....         |            | 918,565    | 918,565    |
| 1960.....         |            | 1,055,090  | 1,055,090  |
| 1959.....         |            | 1,358,776  | 1,358,776  |
| 1958.....         |            | 861,440    | 861,440    |
| 1957.....         |            | 747,082    | 747,082    |
| <i>Total—</i>     |            |            |            |
| 1961.....         | 33,223,110 | 34,158,493 | 67,381,603 |
| 1960.....         | 11,923,170 | 10,327,797 | 22,250,967 |
| 1959.....         | 15,549,949 | 16,290,047 | 31,839,996 |
| 1958.....         | 16,993,664 | 18,040,578 | 35,034,242 |
| 1957.....         | 12,192,131 | 11,080,488 | 23,272,619 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$46,716. This provided for the general maintenance of all wharves, piers, sheds, roads and other facilities.

## CAPITAL WORKS

Expenditures on capital account amounted to \$347,789 which amount was provided from Board revenues. The work consisted of:—

*Construction of Shed No. 9.*—A contract was awarded to Rosaire Dufresne Inc. in November 1960, for the construction of a steel frame transit shed at section 9, 506 feet long by 100 feet wide, with corrugated aluminum sheathing. The work was completed in August, 1961.

*Construction of Extension to Shed No. 10.*—A first contract was awarded to Rosaire Dufresne Inc. in September 1961, for the construction of foundations and catch basins for the extension to shed No. 10 and the work was completed in November, 1961. A second contract was awarded to Williams Construction Company Limited in November, 1961, for the construction of the extension to shed No. 10. With an addition of 40 feet on the width, the shed will measure 405 feet long by 100 feet wide. The work is to be completed in 1962.



*Minor Items.*—A number of minor additions and improvements were carried out including the following:—

Construction of a garage at section 14 and bituminous paving at sections 8, 9 and 10.

## INCOME AND EXPENSE

Operating income amounted to \$691,834 as compared with \$603,169 in 1960, while operating expenses were \$108,399 as against \$109,118 in the previous year. Net operating income was \$583,435, as compared with \$494,051 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit of \$412,362 in 1961, as compared with a net profit of \$319,241 in the previous year. (Note: The profit reported in 1960 has been adjusted for comparative purposes from \$315,491 to \$319,241: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

# HARBOUR OF THREE RIVERS BALANCE SHEET AS AT DECEMBER 31, 1961

## ASSETS

|  |                   |
|--|-------------------|
| CURRENT:   |                   |
| Cash on hand and on deposit with the Receiver General of Canada..... | \$ 295,379        |
| Accounts Receivable.....   | 42,092            |
| Inventories of Operating and Maintenance Supplies, at cost.....      | 48                |
|  | <u>\$ 337,519</u> |

## CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra)

|   |                  |
|---|------------------|
| RESERVE FUND ASSETS (cash on deposit with the Receiver General of Canada, \$192,957; Canada or Canada guaranteed bonds at amortized cost, \$2,263,939; market value, \$2,060,773) held for: |                  |
| Replacement of Capital Assets.....  | 2,271,790        |
| Fire and General Insurance.....   | 137,899          |
| Special Maintenance.....  | 47,207           |
|   | <u>2,456,896</u> |

## CAPITAL ASSETS, at cost or estimated cost:

|                                      |                      |
|--------------------------------------|----------------------|
| Real Estate.....                     | 61,790               |
| Roads, Fences and Boundaries.....    | 66,932               |
| Miscellaneous Structures.....        | 4,455                |
| Wharves and Piers.....               | 5,799,220            |
| Permanent Sheds.....                 | 2,026,709            |
| Railway System.....                  | 26,611               |
| Office Furniture and Appliances..... | 2,374                |
| Electric Power System.....           | 11,513               |
| Water Supply System.....             | 22,464               |
| Shore Equipment.....                 | 2,153                |
| Miscellaneous Small Plant.....       | 383                  |
| Works under Construction.....        | 37,239               |
|                                      | <u>8,061,843</u>     |
|                                      | <u>\$ 10,869,792</u> |

## LIABILITIES

### CURRENT:

|                               |                  |
|-------------------------------|------------------|
| Accounts Payable—General..... | \$ 7,339         |
| Contractors' Holdbacks.....   | 517              |
| Deferred Income.....          | 71,451           |
|                               | <u>\$ 79,307</u> |

### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....

|   |            |
|---|------------|
| PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA:                             |            |
| Assets transferred to the Board on its establishment, and subsequently..... | \$ 693,807 |
| Loans and Advances.....   | 5,059,789  |

### Reserves:

|   |                  |
|---|------------------|
| Replacement of Capital Assets. \$ 2,371,800 |                  |
| Fire and General Insurance.....             | 137,899          |
| Special Maintenance.....                    | 47,207           |
|   | <u>2,556,906</u> |
|   | <u>8,310,502</u> |

### Add: Surplus—

|  |                  |
|--|------------------|
| Balance at beginning of year.....                                  | 2,054,087        |
| Add: Profit for the year, per statement of Income and Expense..... | 412,362          |
|  | <u>2,466,449</u> |

### Balance at end of year.....

|  |                     |
|--|---------------------|
|  | <u>10,776,951</u>   |
|  | <u>\$10,869,792</u> |

## HARBOUR OF THREE RIVERS

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME

## Harbour—

|                       |           |    |        |
|-----------------------|-----------|----|--------|
| Harbour Dues.....     | \$ 21,967 |    |        |
| Property Rentals..... | 4,391     | \$ | 26,358 |

## Wharves and Piers—

|                          |         |         |  |
|--------------------------|---------|---------|--|
| Top Wharfage.....        | 282,108 |         |  |
| Dockage.....             | 144,059 |         |  |
| Wharf Space Rentals..... | 118,426 | 544,593 |  |

## Permanent Sheds—

|                   |         |  |  |
|-------------------|---------|--|--|
| Shed Rentals..... | 112,871 |  |  |
|-------------------|---------|--|--|

|                             |       |    |         |
|-----------------------------|-------|----|---------|
| Miscellaneous Services..... | 8,012 | \$ | 691,834 |
|-----------------------------|-------|----|---------|

## OPERATING EXPENSES

## Operation and Maintenance—

|  |        |        |  |
|--|--------|--------|--|
| Harbour (including \$30,000 for dredging)..... | 46,684 |        |  |
| Wharves and Piers.....                         | 3,360  |        |  |
| Permanent Sheds.....                           | 11,156 |        |  |
| Miscellaneous Services.....                    | 10,397 | 71,597 |  |

## Administrative—

|   |        |        |         |
|---|--------|--------|---------|
| Salaries.....   | 22,748 |        |         |
| Contributions to Public Service Superannuation Account..... | 1,836  |        |         |
| Office Expenses.....  | 1,697  |        |         |
| Miscellaneous.....  | 10,521 | 36,802 | 108,399 |

|                           |  |  |         |
|---------------------------|--|--|---------|
| NET OPERATING INCOME..... |  |  | 583,435 |
|---------------------------|--|--|---------|

## Add: OTHER INCOME—

|  |        |  |         |
|--|--------|--|---------|
| Income from Investments (less \$7,416 transferred to Reserves other than for Replacement of Capital Assets)..... | 88,159 |  |         |
|  |        |  | 671,594 |

## Deduct: SPECIAL CHARGES—

|   |         |         |  |
|---|---------|---------|--|
| Provision for Interest on Loans and Advances..... | 155,832 |         |  |
| Provision for Replacement of Capital Assets.....  | 103,281 |         |  |
| Other.....  | 119     | 259,232 |  |

|                 |  |  |           |
|-----------------|--|--|-----------|
| NET PROFIT..... |  |  | \$412,362 |
|-----------------|--|--|-----------|

## HARBOUR OF MONTREAL

The harbour of Montreal is situated on the St. Lawrence River, approximately 1,000 miles inland from the Atlantic coast. The ship channel, of which approximately 100 miles is dredged channel, provides a minimum depth of 35 feet.

The Harbour is served by both Canadian railways connected to the harbour front by 63 miles of terminal railway operated by the National Harbours Board. The harbour is usually open to navigation from early April to about the middle of December. The Board operates main piers, wharves and jetties providing 130 berths, totalling about 12 miles of berthing accommodation; 37 transit sheds, with an aggregate floor area of 2,996,000 square feet; also 4 grain elevators, with a total storage capacity of 16,762,000 bushels, and 4 miles of grain conveyor galleries with a shipping capacity of 2,000,000 bushels per 13 hour day; and a cold storage warehouse with a capacity of 2,909,210 cubic feet. A 75-ton capacity floating crane and 4 locomotive cranes are available.

## SHIPPING

The 1961 season officially opened on March 27th and closed December 22nd, a navigation season of 271 days.

In the following shipping statements, statistics for 1961 are not strictly comparable with those for previous years due to the downstream extension of the harbour boundaries late in 1960. Vessel arrivals within the former harbour boundaries showed a decrease in number of 4% but their aggregate net registered tonnage was the highest in the history of the port.

## VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 6,092                   | 18,281,095                   |
| 1960..... | 6,211                   | 16,802,254                   |
| 1959..... | 6,482                   | 15,577,794                   |
| 1958..... | 6,002                   | 10,854,572                   |
| 1957..... | 5,426                   | 9,738,951                    |

(Exclusive of naval vessels)



## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

|   | 1961              |                        | 1960              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| Deepsea or ocean-going commercial.....                | 3,605             | 13,660,769             | 3,499             | 12,612,267             |
| Coastal or inland commercial (including fishery)..... | 2,451             | 4,609,023              | 2,614             | 4,158,657              |
| Other.....  | 36                | 11,303                 | 98                | 31,330                 |
| Total.....  | 6,092             | 18,281,095             | 6,211             | 16,802,254             |

(Exclusive of naval vessels)

## CARGO

The following cargo statements contain 1961 statistics not strictly comparable with those for previous years. Extension of the harbour limits resulted in the substantial increases shown in iron ore and phosphate rock with minor gains in fuel oil, gasoline and sulphur.

Cargo handled within the former harbour boundaries rose 16% over the previous year and established another record for the port. Significant increases were recorded in grain, crude and fuel oil, coal and iron and steel scrap.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward     | Outward   | Total      |
|------------------|------------|-----------|------------|
|                  | (Tons)     | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |            |           |            |
| 1961.....        | 8,001,209  | 5,433,899 | 13,435,108 |
| 1960.....        | 6,469,144  | 4,203,742 | 10,672,886 |
| 1959.....        | 6,088,061  | 3,937,310 | 10,025,371 |
| 1958.....        | 4,853,051  | 4,827,990 | 9,681,041  |
| 1957.....        | 4,585,523  | 4,136,739 | 8,722,262  |
| <i>Domestic—</i> |            |           |            |
| 1961.....        | 5,137,650  | 4,342,529 | 9,480,179  |
| 1960.....        | 3,887,779  | 3,691,059 | 7,578,838  |
| 1959.....        | 3,786,734  | 3,908,376 | 7,695,110  |
| 1958.....        | 4,610,932  | 3,463,051 | 8,073,983  |
| 1957.....        | 3,485,986  | 3,652,536 | 7,138,522  |
| <i>Total—</i>    |            |           |            |
| 1961.....        | 13,138,859 | 9,776,428 | 22,915,287 |
| 1960.....        | 10,356,923 | 7,894,801 | 18,251,724 |
| 1959.....        | 9,874,795  | 7,845,686 | 17,720,481 |
| 1958.....        | 9,463,983  | 8,291,041 | 17,755,024 |
| 1957.....        | 8,071,509  | 7,789,275 | 15,860,784 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

Basis: Tons—weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Petroleum<br>Oil, fuel | Petroleum<br>Oil, crude | Coal,<br>bituminous | Iron<br>Ore | Gasoline  | Motor<br>Vehicles<br>and Parts | Sugar,<br>raw | Flour,<br>wheat | Gypsum,<br>crude | Iron or<br>Steel,<br>scrap |
|------------------|-----------|------------------------|-------------------------|---------------------|-------------|-----------|--------------------------------|---------------|-----------------|------------------|----------------------------|
| <i>Foreign—</i>  |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| Inward—          |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 578,247   | 1,019,149              | 3,032,378               | 105,487             | 761,935     | 73,030    | 357,125                        | 330,286       | 2,346           | .....            | 466                        |
| 1960.....        | 475,837   | 785,380                | 2,606,055               | 107,904             | 52,265      | 137,712   | 542,316                        | 328,050       | 6               | .....            | 493                        |
| Outward—         |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 2,675,487 | 96,584                 | .....                   | 50                  | 842,976     | 54        | 29,654                         | .....         | 260,322         | .....            | 205,900                    |
| 1960.....        | 2,160,986 | 49,152                 | .....                   | .....               | 147,628     | 66        | 38,414                         | .....         | 332,269         | .....            | 86,067                     |
| <i>Domestic—</i> |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| Inward—          |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 2,508,229 | 176,745                | .....                   | 1,467,092           | 40,918      | 119,301   | 925                            | .....         | 40              | 247,013          | 2,158                      |
| 1960.....        | 1,882,778 | 99,126                 | 342                     | 1,135,640           | 5,891       | 27,078    | 508                            | .....         | .....           | 244,088          | 249                        |
| Outward—         |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 2,392     | 2,103,188              | 16,303                  | 551,915             | 22,101      | 971,581   | 2,243                          | .....         | 3,598           | .....            | .....                      |
| 1960.....        | 9,937     | 1,652,333              | 39,517                  | 308,490             | .....       | 926,976   | 2,014                          | .....         | 3,854           | 4,875            | 2,912                      |
| <i>Totals—</i>   |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| Inward—          |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 3,086,476 | 1,195,894              | 3,032,378               | 1,572,579           | 802,853     | 192,331   | 358,050                        | 330,286       | 2,386           | 247,013          | 2,624                      |
| 1960.....        | 2,358,615 | 884,506                | 2,606,427               | 1,243,604           | 58,156      | 164,790   | 542,824                        | 328,050       | 6               | 244,088          | 742                        |
| Outward—         |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 2,677,879 | 2,199,772              | 16,303                  | 551,965             | 865,077     | 971,635   | 31,897                         | .....         | 263,920         | .....            | 205,900                    |
| 1960.....        | 2,170,923 | 1,701,455              | 39,517                  | 308,490             | 147,628     | 927,042   | 40,428                         | .....         | 336,123         | 4,875            | 88,979                     |
| Total—           |           |                        |                         |                     |             |           |                                |               |                 |                  |                            |
| 1961.....        | 5,764,355 | 3,395,666              | 3,048,681               | 2,124,544           | 1,667,930   | 1,163,966 | 389,947                        | 330,286       | 266,306         | 247,013          | 208,524                    |
| 1960.....        | 4,529,538 | 2,585,991              | 2,645,944               | 1,552,094           | 1,205,784   | 1,091,832 | 583,252                        | 328,050       | 336,129         | 248,963          | 89,721                     |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Phosphate<br>Rock | Asbestos<br>and<br>Asbestos<br>Manufac-<br>tures | Petroleum<br>Oil,<br>refined not<br>otherwise<br>specified | Cement,<br>common<br>or<br>portland | Nickel<br>and<br>Nickel<br>Manufac-<br>tures | Iron or<br>Steel<br>Band,<br>Bars not<br>otherwise<br>specified,<br>Hoop,<br>Plates,<br>Rods,<br>Sheets,<br>Skelp,<br>Strip<br>and Tin<br>Plate | Chemicals<br>not<br>otherwise<br>specified | Copper<br>and<br>Copper<br>Manufac-<br>tures<br>not<br>otherwise<br>specified | Salt   | Glass<br>and<br>Glass<br>Manufac-<br>tures | Iron or<br>Steel<br>Manufac-<br>tures not<br>otherwise<br>specified |
|------------------|-------------------|--|--|-------------------------------------|--|---|--|---|--------|--|---|
| <i>Foreign—</i>  |                   |  |  |                                     |  |   |  |   |        |  |   |
| Inward—          |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        | 181,511           | 7,862  | 14,882   | 18,072                              | 2,964  | 58,022  | 52,990                                     | 801   | 20,691 | 75,326                                     | 51,486  |
| 1960.....        | 4,409             | 8,140  | 37,180   | 12,937                              | 341  | 54,155  | 14,205                                     | 1,390   | 32     | 59,814                                     | 51,136  |
| Outward—         |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        | 3,000             | 124,534  | 241  | 70                                  | 106,958                                      | 40,289  | 35,520                                     | 89,248  | 978    | 631  | 19,288  |
| 1960.....        |                   | 101,985  | 915  | 245                                 | 96,509                                       | 44,571  | 16,120                                     | 96,637  | 1,228  | 1,153                                      | 16,113  |
| <i>Domestic—</i> |                   |  |  |                                     |  |   |  |   |        |  |   |
| Inward—          |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        |                   | 1,016  | 1,371  | 263                                 | .....  | 122   | 6,331                                      | 1   | 62,140 | 3  | 287   |
| 1960.....        |                   | 764  | 639  | .....                               | .....  | .....   | 6,488                                      | 8   | 66,158 | 4  | 965   |
| Outward—         |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        |                   | 985  | 113,336  | 102,763                             | .....  | 2,005   | 3,107                                      | 604   | 172    | 2,344                                      | 5,237   |
| 1960.....        |                   | 320  | 131,508  | 108,814                             | 5  | 1,273   | 972  | 533   | 21     | 2,499                                      | 4,909   |
| <i>Totals—</i>   |                   |  |  |                                     |  |   |  |   |        |  |   |
| Inward—          |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        | 181,511           | 8,878  | 16,253   | 18,335                              | 2,964  | 58,144  | 59,321                                     | 802   | 82,831 | 75,329                                     | 51,773  |
| 1960.....        | 4,409             | 8,904  | 37,819   | 12,937                              | 341  | 54,155  | 20,693                                     | 1,398   | 66,190 | 59,818                                     | 52,101  |
| Outward—         |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        | 3,000             | 125,519  | 113,577  | 102,833                             | 106,958                                      | 42,294  | 38,627                                     | 89,852  | 1,150  | 2,975                                      | 24,525  |
| 1960.....        |                   | 102,305  | 132,423  | 109,059                             | 96,514                                       | 45,844  | 17,092                                     | 97,170  | 1,249  | 3,652                                      | 21,022  |
| <i>Total—</i>    |                   |  |  |                                     |  |   |  |   |        |  |   |
| 1961.....        | 184,511           | 134,397  | 129,850  | 121,168                             | 109,922                                      | 100,438   | 97,948                                     | 90,654  | 83,981 | 78,304                                     | 76,298  |
| 1960.....        | 4,409             | 111,209  | 170,242  | 121,996                             | 96,855                                       | 99,999  | 37,785                                     | 98,508  | 67,439 | 63,470                                     | 73,123  |

## HARBOUR OF MONTREAL

67

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron<br>or<br>Steel,<br>structural | Machinery<br>and<br>Parts<br>(except<br>agricul-<br>tural) | Wood-<br>pulp | Molasses | Copper,<br>refined,<br>in bars,<br>billets,<br>cakes,<br>cathodes,<br>ingots or<br>slabs | Dry<br>Goods<br>not<br>otherwise<br>specified | Sulphur | Lumber<br>(Planks,<br>Boards<br>and<br>Flooring)<br>and<br>Square<br>Timber | Wood<br>Billets,<br>Blocks<br>and<br>Bolts | Jute<br>and<br>Jute<br>Manufac-<br>tures | Beverages,<br>alcoholic |
|------------------|------------------------------------|--|---------------|----------|--|---|---------|---|--|--|-------------------------|
| <i>Foreign—</i>  |                                    |  |               |          |  |   |         |   |  |  |                         |
| Inward—          |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 67,813                             | 44,903   | 4,852         | 56,785   | .....  | 38,129  | 28,829  | 5,610   | 10,042                                     | 43,720                                   | 34,594                  |
| 1960.....        | 86,084                             | 39,257   | 2,589         | 75,942   | 240  | 38,405  | 1,916   | 5,729   | 117  | 50,128                                   | 28,887                  |
| Outward—         |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 275                                | 21,409   | 59,398        | 1        | 50,967   | 11,417  | 17,896  | 31,648  | 30,314                                     | 1,505                                    | 7,820                   |
| 1960.....        | 2,395                              | 21,192   | 56,552        | .....    | 54,259   | 10,147  | .....   | 57,170  | 2,196                                      | 591                                      | 6,374                   |
| <i>Domestic—</i> |                                    |  |               |          |  |   |         |   |  |  |                         |
| Inward—          |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | .....                              | 755  | .....         | .....    | .....  | 4   | .....   | 6,835   | 4,822                                      | .....                                    | 3                       |
| 1960.....        | .....                              | 1,640  | .....         | .....    | .....  | 6   | .....   | 14,969  | .....                                      | 3  | .....                   |
| Outward—         |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 1,067                              | 1,926  | .....         | 5        | .....  | 1,026   | 3,229   | 2,701   | 227  | 179                                      | 733                     |
| 1960.....        | 718                                | 1,164  | .....         | 7        | .....  | 1,038   | .....   | 2,659   | 3  | 30                                       | 963                     |
| <i>Totals—</i>   |                                    |  |               |          |  |   |         |   |  |  |                         |
| Inward—          |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 67,813                             | 45,658   | 4,852         | 56,785   | .....  | 38,133  | 28,829  | 12,445  | 14,864                                     | 43,720                                   | 34,597                  |
| 1960.....        | 86,084                             | 40,897   | 2,589         | 75,942   | 240  | 38,411  | 1,916   | 20,698  | 117  | 50,131                                   | 28,887                  |
| Outward—         |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 1,342                              | 23,335   | 59,398        | 6        | 50,967   | 12,443  | 21,125  | 34,349  | 30,541                                     | 1,684                                    | 8,553                   |
| 1960.....        | 3,113                              | 22,356   | 56,552        | 7        | 54,259   | 11,185  | .....   | 59,829  | 2,199                                      | 621                                      | 7,337                   |
| Total—           |                                    |  |               |          |  |   |         |   |  |  |                         |
| 1961.....        | 69,155                             | 68,993   | 64,250        | 56,791   | 50,967   | 50,576  | 49,954  | 46,794  | 45,405                                     | 45,404                                   | 43,150                  |
| 1960.....        | 89,197                             | 63,253   | 59,141        | 75,949   | 54,499   | 49,596  | 1,916   | 80,527  | 2,316                                      | 50,752                                   | 36,224                  |



## CARGO TONNAGE—COMMODITIES—Continued

|                  | Iron or<br>Steel<br>Wire<br>and Wire<br>Manufac-<br>tures | Milk,<br>condensed,<br>evaporated<br>or<br>powdered | Coke   | Manganese<br>Ore | Chrome<br>Ore | Pulpboard<br>(except<br>Wallboard) | Ferro-<br>alloys | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Creosote<br>Oil | Fruits,<br>fresh<br>not<br>otherwise<br>specified | Fertilizers<br>and<br>Fertilizer<br>Materials |
|------------------|---|---|--------|------------------|---------------|------------------------------------|------------------|---|-----------------|---|---|
| <i>Foreign—</i>  |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| Inward—          |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 40,266  | 12  |        | 37,535           | 37,372        | 1,821                              | 4,773            | 314   |                 | 19,601  | 32,922  |
| 1960.....        | 20,559  | 26  |        | 338              | 40,838        | 250                                | 5,445            | 1,519   |                 | 22,714  | 20,862  |
| Outward—         |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 1,164   | 30,824  | 39,089 |                  |               | 31,488                             | 32,211           | 33,913  | 17,643          | 13,197  | 61  |
| 1960.....        | 7,181   | 36,288  | 2,604  |                  |               | 34,456                             | 36,577           | 101,545   | 17,921          | 3,536   | 33  |
| <i>Domestic—</i> |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| Inward—          |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 144   | 39  |        |                  |               |                                    |                  | 25  | 17,481          | 14  |   |
| 1960.....        | 604   | 225   |        |                  |               |                                    |                  | 55  | 27,577          | 2   |   |
| Outward—         |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 865   | 8,256   |        |                  |               | 3,799                              |                  | 1,915   |                 | 298   | 8   |
| 1960.....        | 906   | 16,412  |        |                  |               | 2,812                              |                  | 1,776   |                 | 216   | 25  |
| <i>Totals—</i>   |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| Inward           |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 40,410  | 51  |        | 37,535           | 37,372        | 1,821                              | 4,773            | 339   | 17,481          | 19,615  | 32,922  |
| 1960.....        | 21,163  | 251   |        | 338              | 40,838        | 250                                | 5,445            | 1,574   | 27,577          | 22,716  | 20,862  |
| Outward—         |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 2,039   | 39,080  | 39,089 |                  |               | 35,287                             | 32,211           | 35,828  | 17,643          | 13,495  | 69  |
| 1960.....        | 8,087   | 52,700  | 2,604  |                  |               | 37,268                             | 36,577           | 103,321   | 17,921          | 3,752   | 58  |
| Total—           |   |   |        |                  |               |                                    |                  |   |                 |   |   |
| 1961.....        | 42,449  | 39,131  | 39,089 | 37,535           | 37,372        | 37,108                             | 36,984           | 36,167  | 35,124          | 33,101  | 32,991  |
| 1960.....        | 29,250  | 52,951  | 2,604  | 338              | 40,838        | 37,518                             | 42,022           | 104,895   | 45,498          | 26,468  | 20,920  |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Coal,<br>anthracite | Confec-<br>tionery | Hides,<br>Leather<br>and<br>Leather<br>Manufac-<br>tures | Fruits,<br>canned<br>or<br>preserved | Paper<br>not<br>otherwise<br>specified | Rubber,<br>crude<br>(including<br>Latex) | Vegetable<br>Oils | Brick  | Food-<br>stuffs,<br>canned or<br>preserved,<br>not<br>otherwise<br>specified | Wooden<br>Manufac-<br>tures not<br>otherwise<br>specified | Coffee<br>Beans<br>and<br>Coffee<br>Prepara-<br>tions |
|------------------|---------------------|--------------------|--|--------------------------------------|--|--|-------------------|--------|--|---|---|
| <i>Foreign—</i>  |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| Inward—          |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        | 32,860              | 26,513             | 17,508   | 28,889                               | 2,737                                  | 3,223                                    | 24,167            | 18,332 | 9,273  | 13,367  | 22,875  |
| 1960.....        | 42,866              | 27,198             | 16,426   | 30,610                               | 2,885                                  | 2,047                                    | 9,807             | 9,525  | 1,404  | 2,400   | 22,310  |
| Outward—         |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        |                     | 1,272              | 12,537   | 1,354                                | 23,567                                 | 26,180                                   | 5,026             | 9,167  | 6,652  | 10,233  | 1,289   |
| 1960.....        |                     | 1,074              | 10,380   | 615                                  | 22,126                                 | 25,906                                   | 4,431             | 9,881  | 3,511  | 5,894   | 333   |
| <i>Domestic—</i> |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| Inward—          |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        |                     | 10                 | 19   |                                      | 5                                      |  | 1                 |        |  | 146   |   |
| 1960.....        |                     | 7                  | 53   |                                      | 4                                      |  | 3,324             |        |  | 97  |   |
| Outward—         |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        |                     | 3,254              | 465  | 160                                  | 3,413                                  |  | 167               | 1,032  | 11,512   | 1,492   | 137   |
| 1960.....        |                     | 4,039              | 482  | 82                                   | 3,953                                  | 1  | 220               | 485    | 6,174  | 340   | 151   |
| <i>Totals—</i>   |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| Inward—          |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        | 32,860              | 26,523             | 17,527   | 28,889                               | 2,742                                  | 3,223                                    | 24,168            | 18,332 | 9,273  | 13,513  | 22,875  |
| 1960.....        | 42,866              | 27,205             | 16,479   | 30,610                               | 2,889                                  | 2,047                                    | 13,131            | 9,525  | 1,424  | 2,497   | 22,310  |
| Outward—         |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        |                     | 4,526              | 13,002   | 1,514                                | 26,080                                 | 26,180                                   | 5,193             | 10,199 | 18,164   | 11,725  | 1,446   |
| 1960.....        |                     | 5,113              | 10,862   | 697                                  | 26,079                                 | 25,907                                   | 4,651             | 10,366 | 9,685  | 6,234   | 474   |
| <i>Total—</i>    |                     |                    |  |                                      |  |  |                   |        |  |   |   |
| 1961.....        | 32,860              | 31,049             | 30,529   | 30,403                               | 29,722                                 | 29,403                                   | 29,361            | 28,531 | 27,437   | 25,238  | 24,321  |
| 1960.....        | 43,707              | 32,318             | 27,341   | 31,307                               | 28,968                                 | 27,954                                   | 17,782            | 19,891 | 11,109   | 8,731   | 22,784  |

## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Feed,<br>animal or<br>poultry,<br>not<br>otherwise<br>specified | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers | Settlers'<br>Effects | Wallboard | Chinaware,<br>Earthen-<br>ware and<br>Porcelain-<br>ware | Electrical<br>Goods<br>not<br>otherwise<br>specified | Iron or<br>Steel, in<br>billets,<br>blooms,<br>ingots,<br>pigs,<br>sheet bars<br>or slabs | Clay   | Zinc<br>Spelter | All Goods<br>not<br>otherwise<br>specified | Total      |
|------------------|---|---|----------------------|-----------|--|--|---|--------|-----------------|--|------------|
| <i>Foreign—</i>  |   |   |                      |           |  |  |   |        |                 |  |            |
| Inward—          |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 8,900   | 17,950  | 9,235                | 874       | 21,400   | 13,565   | 8,474   | 20,465 | .....           | 445,653                                    | 8,001,209  |
| 1960.....        | 252   | 10,202  | 10,401               | 1,323     | 15,796   | 13,141   | 48  | 15,971 | .....           | 512,839                                    | 6,469,144  |
| Outward—         |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 10,988  | 858   | 13,893               | 669       | 34   | 6,712  | 12,538  | 133    | 20,482          | 306,291                                    | 5,433,899  |
| 1960.....        | 18,185  | 839   | 10,731               | 1,139     | 56   | 3,103  | 8,897   | 89     | 16,445          | 419,042                                    | 4,203,742  |
| <i>Domestic—</i> |   |   |                      |           |  |  |   |        |                 |  |            |
| Inward—          |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 231   | 3,338   | 76                   | 20,153    | .....  | 59   | .....   | .....  | .....           | 449,535                                    | 5,137,650  |
| 1960.....        | .....   | 3,668   | 75                   | 8,067     | .....  | 48   | 6   | .....  | .....           | 356,604                                    | 3,887,779  |
| Outward—         |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 4,080   | 1,680   | 71                   | 1,265     | 157  | 775  | .....   | 4      | 20              | 382,677                                    | 4,342,529  |
| 1960.....        | 3,645   | 2,710   | 66                   | 823       | 61   | 808  | .....   | 22     | .....           | 435,665                                    | 3,691,059  |
| <i>Totals—</i>   |   |   |                      |           |  |  |   |        |                 |  |            |
| Inward—          |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 9,131   | 21,288  | 9,311                | 21,027    | 21,400   | 13,624   | 8,474   | 20,465 | .....           | 895,188                                    | 13,138,859 |
| 1960.....        | 252   | 13,870  | 10,476               | 9,390     | 15,796   | 13,189   | 54  | 15,971 | .....           | 869,443                                    | 10,356,923 |
| Outward—         |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 15,068  | 2,538   | 13,964               | 1,964     | 191  | 7,487  | 12,538  | 137    | 20,502          | 688,968                                    | 9,776,428  |
| 1960.....        | 21,830  | 3,549   | 10,797               | 1,962     | 117  | 3,911  | 8,897   | 111    | 16,445          | 854,707                                    | 7,894,801  |
| <i>Total—</i>    |   |   |                      |           |  |  |   |        |                 |  |            |
| 1961.....        | 24,199  | 23,826  | 23,275               | 22,991    | 21,591   | 21,111   | 21,012  | 20,602 | 20,502          | 1,584,156                                  | 22,915,287 |
| 1960.....        | 22,082  | 17,419  | 21,273               | 11,352    | 15,913   | 17,100   | 8,951   | 16,082 | 16,445          | 1,724,150                                  | 18,251,724 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed  | Embarked | Total   |
|-------------------|---------|----------|---------|
| <i>Foreign—</i>   |         |          |         |
| 1961.....         | 63,306  | 59,134   | 122,440 |
| 1960.....         | 74,826  | 73,536   | 148,362 |
| 1959.....         | 91,683  | 81,403   | 173,086 |
| 1958.....         | 85,534  | 80,284   | 165,818 |
| 1957.....         | 101,075 | 68,021   | 169,096 |
| <i>Coastwise—</i> |         |          |         |
| 1961.....         | 24,206  | 27,317   | 51,523  |
| 1960.....         | 27,805  | 28,693   | 56,498  |
| 1959.....         | 29,844  | 29,703   | 59,547  |
| 1958.....         | 25,413  | 27,161   | 52,574  |
| 1957.....         | 28,959  | 30,783   | 59,742  |
| <i>Total—</i>     |         |          |         |
| 1961.....         | 87,512  | 86,451   | 173,963 |
| 1960.....         | 102,631 | 102,229  | 204,860 |
| 1959.....         | 121,527 | 111,106  | 232,633 |
| 1958.....         | 110,947 | 107,445  | 218,392 |
| 1957.....         | 130,034 | 98,804   | 228,838 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1961, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via water—</i> |             |             |             |
| 1961.....         | 107,337,376 | 89,866,164  | 197,203,540 |
| 1960.....         | 83,130,269  | 74,151,977  | 157,282,246 |
| 1959.....         | 85,468,415  | 78,877,093  | 164,345,508 |
| 1958.....         | 101,499,112 | 106,969,849 | 208,468,961 |
| 1957.....         | 71,423,251  | 69,719,227  | 141,142,478 |
| <i>Via rail—</i>  |             |             |             |
| 1961.....         | 6,425,417   | 10,582,442  | 17,007,859  |
| 1960.....         | 12,849,515  | 11,268,503  | 24,118,018  |
| 1959.....         | 17,280,186  | 12,619,756  | 29,899,942  |
| 1958.....         | 22,405,404  | 9,184,926   | 31,590,330  |
| 1957.....         | 13,930,502  | 7,461,348   | 21,391,850  |
| <i>Via other—</i> |             |             |             |
| 1961.....         | 84,453      | 12,422,768  | 12,507,221  |
| 1960.....         | 562,825     | 11,076,552  | 11,639,377  |
| 1959.....         | 239,129     | 10,337,277  | 10,576,406  |
| 1958.....         | 357,653     | 9,459,752   | 9,817,405   |
| 1957.....         | 731,316     | 9,272,813   | 10,004,129  |
| <i>Total—</i>     |             |             |             |
| 1961.....         | 113,847,246 | 112,871,374 | 226,718,620 |
| 1960.....         | 96,542,609  | 96,497,032  | 193,039,641 |
| 1959.....         | 102,987,730 | 101,834,126 | 204,821,856 |
| 1958.....         | 124,262,169 | 125,614,527 | 249,876,696 |
| 1957.....         | 86,085,069  | 86,453,388  | 172,538,457 |



## TERMINAL RAILWAY

Statement showing number of railway cars handled by the National Harbours Board terminal railway during calendar year 1961, with comparison for 1960.

|  | 1961   | 1960    |
|--|--------|---------|
| <i>Received from connecting lines (except through cars)—</i>   |        |         |
| Revenue cars.....  | 36,587 | 43,896  |
| Non-revenue cars.....  | 11,884 | 10,755  |
| Total.....   | 48,471 | 54,651  |
| <i>Delivered to connecting lines (except through cars)—</i>    |        |         |
| Revenue cars.....  | 20,044 | 20,405  |
| Non-revenue cars.....  | 28,364 | 33,483  |
| Total.....   | 48,408 | 53,888  |
| <i>Through cars from connecting lines to connecting lines—</i> |        |         |
| Revenue cars.....  | 26     | 1       |
| Non-revenue cars.....  | 0      | 0       |
| Total.....   | 26     | 1       |
| <i>Switched locally—</i>                                       |        |         |
| Revenue cars.....  | 2,213  | 2,137   |
| Non-revenue cars.....  | 0      | 0       |
| Total.....   | 2,213  | 2,137   |
| <i>Total—</i>  |        |         |
| Revenue cars.....  | 58,870 | 66,439  |
| Non-revenue cars.....  | 40,248 | 44,238  |
| Total.....   | 99,118 | 110,677 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$2,441,562. The principal items were the repairs to the sewers at Jacques Cartier Pier; the guniting of the face of the wharf between low and high level at Victoria Pier; the removal of the poney crib at section 27 was commenced and approximately 60% completed; improvements to lighting facilities in transit sheds 7, 9 and 10; interior painting of transit sheds 9, 10 and 12; renewal of roof of transit shed 13; repairs to Victor Street subway; renewal of 2 turnouts and curved tracks at crossings, sheds 7 and 9; overhauling of diesel locomotives D2 and D3; repairing, adjusting and testing of grain elevator scales; the guniting of the exterior bin walls of grain elevator No. 1 was approximately 60% completed; re-wiring the ground floor of grain elevator No. 1; renewal of the bin and tower roofs at grain elevators 1, 2, 3 and "B"; re-roofing and repairs to reinforced concrete roof slabs and eaves, bin floor, grain elevator No. 3; replacement of 14 motor starters and 14 power feeders, grain elevator No. 3; replacement of lightweight concrete roof slabs and tar and gravel roof, conveyor system, grain elevators 1 and 2; replacement of corrugated sheeting tower roofs, conveyor system grain elevators 1 and 2; the replacement of drives on the shipping conveyors, conveyor system, grain belts and 3,500 elevator buckets and reconditioning of 3 rooms in the cold storage warehouse.

## CAPITAL WORKS

Expenditures on capital account amounted to \$15,322,793 of which \$925,331 was provided from replacement fund and \$600,000 from revenue. The principal items were:

*Construction of Wharf, Sections 65-68.*—A contract was awarded in June, 1960, to J. D. Stirling Limited, and Walsh-Canadian Construction Company Limited, for the construction and placing of cribs and copewall for a wharf extension 1500 feet in length of sections 65-68. The work was completed in December 1961.

*Placing of Fill Material, Sections 50-53.*—As part of the construction of the wharf extension at sections 50-53, it was necessary to fill the area behind the copewall. The work was started in 1960 and was completed in October 1961.

*Construction of Water Supply System, Sections 50-54.*—In August, a contract was awarded to G. Maher Construction Limited, for the construction of a water supply system at Sections 50-54. The work was completed in September, 1961.

*Construction of Transit Shed, Section 49.*—Cambrian Construction Limited was awarded a contract in September, 1960, for the construction of a single-storey steel-frame transit shed, 150 feet wide by 500 feet long, at section 49. The work was completed in April, 1961.

*Construction of Transit Shed, Section 33.*—A contract was awarded to R. E. Stewart Construction Corporation in September, 1960, for the construction of a single-storey steel-frame transit shed, 100 feet wide by 396 feet long, at section 33. The work was completed in April, 1961.

*Construction of Transit Shed, Section 32.*—In September, 1961, a contract was awarded to R. E. Stewart Construction Corporation for the construction of a single-storey steel-frame transit shed, 100 feet wide by 396 feet long, at section 32. The work was approximately 80% completed by the end of 1961.

*Construction of Transit Shed, Section 59.*—J. H. Dupuis Limited was awarded a contract in October, 1961, for the construction of a single-storey steel-frame transit shed, 150 feet wide by 500 feet long, at section 59. The work was approximately 35% completed in 1961.

*Construction of Longshoremen's Latrines, Transit Sheds 3-5, 12-14 and 13-15.*—To improve the sanitary conditions, new latrines were built in transit sheds 3-5 and 12-14, the work was performed by Board forces during the year. The latrines in transit sheds 13-15 will be completed early in 1962.

*Construction of Grain Elevator No. 4 and Marine Towers, Section 56.*—In November, 1960, a contract was awarded to Louis Donolo Inc. for the construction of pile foundations for elevator No. 4. The contract was completed in September, 1961. Another contract was awarded in August, 1961, to Carter Construction Company Limited for the construction of the superstructure of the elevator, marine towers and associated works.

*Supply and Installation of Dust Control System, Grain Elevator No. 1.*—In May, 1961, Foresteel Products Limited was awarded a contract for the supply and installation of a dust control system in grain elevator No. 1. The work was approximately 95% completed in 1961.

*Installation of Automatic Grain Samplers, Grain Elevators 1, 2 and 3.*—In March, 1961, tenders were called and accepted, for the purchase of automatic grain samplers for elevators 1, 2 and 3, the installation being performed by Board forces. The work is scheduled to be completed in the spring of 1962.

*Modification to Conveyor System, Elevator "B".*—During the course of the year, Board forces worked on the modification to conveyor system, elevator "B". The work is to be completed early in 1962.

*Rest Room and Toilet Facilities, Grain Elevator "B" and B-1.*—Changes in grain elevator "B" and the construction of grain elevator B-1 necessitated the construction of a new rest room and toilet facilities. The work was done by Board forces and completed in May, 1961.

*Alterations to Marine Towers, Elevator 1, B-1 and 3.*—Three separate contracts were awarded to Foresteel Products Limited, one in December, 1960, and two in January, 1961, for modifications to marine towers grain elevators 1, B-1 and 3. The three contracts were completed in May, 1961.

*Replacement of Electric Sub-Station and Offices, Grain Elevator No. 2.*—In April, 1961, tenders were called and accepted, for the construction of new offices and facilities at elevator No. 2 and a contract was awarded to Guy Leveille. The work was completed in August. The work in connection with the electric sub-station will be performed by Board forces in 1962.

*Construction of Boiler Room and Garage, Elevator No. 1.*—In November, 1960, tenders were called, and accepted, for the construction of a boiler room and garage at grain elevator No. 1. The work was completed in April, 1961.

*Changes to Electrical Sub-Stations Nos. 3 and 5.*—Consequent upon changes and additions to grain elevators Nos. 3 and "B" and new galleries on Tarte Pier, additional power requirements were necessary. During 1958, tenders were called, and accepted, for the purchase of power transformers and power distribution switchboard. The installations were completed in September, 1961.

*Automatic Telephone Switchboard for Grain Elevators Nos. 1 and 2 and Connecting Galleries.*—Consequent to the new extensions installed at grain elevators Nos. 1 and 2 and connecting galleries, tenders were called, and accepted, for the purchase of an automatic telephone switchboard. The installation, started in 1961 by Board forces, will be completed in 1962.

*Installation of Safety Gates on Freight Hoists.*—In February, 1958, a contract was awarded to J. & E. Hall Limited for the installation of safety gates on freight hoists. The work was completed in March, 1961.

*New Stores Facilities.*—Due to major additions to harbour facilities in recent years, the work of the Purchases and Stores Department has increased considerably, as a result of which new stores facilities were required. The provision of larger stores quarters necessitated the relocation of the tool room, the carpenter and electrical shops and the installation of new toilet facilities. The work was carried out during 1961 by Board forces.

*Roadway Extension, Sections 51-56.*—In order to provide a through harbour roadway to the recently built wharves and sheds at Sections 58 to 65, it was necessary to construct a bituminous concrete roadway over a macadam base across the harbour property now rented to Canadian Vickers Limited from the existing road at Section 51 to that at Section 56. A contract for the road work was awarded to Beaver Asphalt Paving Company Limited. In connection with this road extension, it was necessary to re-arrange the Board's railway tracks and transmission lines. This work was done by Board forces. All the above work was completed during the year.



*Paving of Racine Wharf.*—In March, 1961, a contract was awarded to Highway Paving Company Limited, for the paving of Racine Wharf. The work was completed in May, 1961.

*Construction of Restaurants.*—During the course of the year, contracts were awarded to J. A. Albert Jean Cie Ltee., for the construction of 3 permanent-structure restaurants to be located near transit shed No. 3, at Racine wharf and at section 8 West, Elevator "B". All these structures were completed before the end of the navigation season 1961.

*Widening of Roadway, Sections 28-30.*—In April, 1961, Highway Paving Company Limited, was awarded a contract for the widening of the roadway, sections 28-30. The work was completed in July.

*Cope Wall Ties, Sections 54-56.*—During the year, tenders were called and accepted for the fabrication and supply of tie rods for the wharf at sections 54-56. The orders were completed in August.

*Minor Items.*—A number of minor additions and improvements were carried out including the following:

The purchase of 1 press brake machine; power shears; 6 portable offices for checkers; purchase of equipment for the repairs of tar and gravel roofs; fork lift trucks and pallet transporters; hydraulic backhoe attachment for the payloader; 3 gondola cars; swinging scaffolds; magnesium dock boards and dock ramps for cold storage warehouse; 4 automobiles and 3 trucks; installation of exhaust fan and duct work for sharp freezer at the cold storage warehouse; construction of a wooden flat scow; replacement of grain cleaning and separating screens in grain elevator; additional car loading signal system in grain elevator No. 2; construction of fenders; installation of a chain link fence at the harbour yard; additional parking facilities and wooden retaining wall at section 11; and construction of new railway office, locker and lunchroom.

*Construction of Champlain Bridge.*—Work was performed on a number of contracts in connection with the construction of the bridge. Creaghan & Archibald Limited was awarded a contract in July, 1959, for the construction of superstructure, section 3. The work was completed in October 1961. In June, 1959, McNamara (Quebec) Limited, the Key Construction Inc., and Deschamps & Belanger Ltee., was awarded a contract for the construction of piers and superstructure, sections 5 and 7A. The contract was completed in November, 1961. A contract was awarded in October, 1959, to Dominion Bridge Company Limited for the construction of superstructure, section 6. The contract was approximately 90% completed by the end of the year. A. Janin & Company Limited was awarded a contract in June, 1960, for the construction of abutment, piers and prestressed concrete superstructure, section 7B. The contract was completed in October, 1961. Two contracts were awarded to Charles Duranceau Ltee. One of these, awarded in September, 1960 was for the supply and placing of fill material for the main roadway embankment, section 2. The work was completed in August, 1961. The second contract awarded in November, 1960, was for the construction of the main overpass, section 2. The contract was completed in September, 1961. In August, 1961, Quebec Engineering Limited was awarded a contract for the construction of the north and south overpasses, section 2. At the end of the year, the work was approximately 88% completed. A contract was awarded in October 1961, to Quebec Engineering Limited, for a viaduct under the Canadian National railway tracks near Atwater Avenue and Laverendrye Boulevard. The work is scheduled for completion in April 1962. Two contracts were awarded to Miron Company Limited.



One of these awarded in August, 1961, was for the construction of the roadways, sections 2 and 3. The work is scheduled to be completed in June, 1962. Charles Duranceau Ltee., was awarded a contract in October, 1961, for the construction of the roadways and plaza, sections 3, 4, 5 and 6. The contract is scheduled to be completed at the end of February, 1962.

### INCOME AND EXPENSE

Operating income amounted to \$11,573,819, as compared with \$10,862,437 in 1960, the increase being \$711,382. Operating expenses were \$7,667,979, as compared with \$7,644,245 in 1960. Net operating income was \$3,905,840 in 1961, as against \$3,218,192 in the previous year.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net loss of \$1,210,992, as compared with a net loss of \$1,477,133 in 1960. (Note: The loss reported in 1960 has been adjusted for comparative purposes from \$1,382,409 to \$1,477,133: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

The foregoing figures are exclusive of the operations of Jacques Cartier Bridge, for which separate accounts are kept.

# HARBOUR OF MONTREAL

## BALANCE SHEET AS AT DECEMBER 31, 1961

(Excluding *Jacques Cartier Bridge*)

### ASSETS

#### CURRENT:

|   |                     |
|---|---------------------|
| Cash on hand and on deposit with the Receiver General of Canada.....        | \$ 1,797,345        |
| Accounts Receivable (less provision of \$27,151 for doubtful accounts)..... | 540,140             |
| Inventories of Operating and Maintenance Supplies, at cost.....             | 765,122             |
| Accrued Income.....   | 371,480             |
| Prepaid Expenses.....   | 18,908              |
|   | <u>\$ 3,492,995</u> |

#### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra)

775,809

RESERVE FUND ASSETS (cash on deposit with the Receiver General of Canada, \$501,863; Canada or Canada guaranteed bonds at amortized cost, \$27,878,521; market value, \$25,318,327) held for:

|                                    |                   |
|------------------------------------|-------------------|
| Replacement of Capital Assets..... | 25,895,467        |
| Fire and General Insurance.....    | 2,484,917         |
|                                    | <u>28,380,384</u> |

#### CAPITAL ASSETS, at cost or estimated cost:

|                                      |                    |
|--------------------------------------|--------------------|
| Harbour Dredging.....                | 14,145,224         |
| Real Estate.....                     | 2,253,105          |
| Roads, Fences and Boundaries.....    | 1,521,851          |
| Sewers and Drains.....               | 156,962            |
| Miscellaneous Structures.....        | 431,350            |
| Wharves and Piers.....               | 44,825,594         |
| Permanent Sheds.....                 | 14,673,179         |
| Shed Hoists and Electric Cranes..... | 394,235            |
| Railway System.....                  | 4,954,190          |
| Grain Elevator System.....           | 32,793,610         |
| Cold Storage System.....             | 3,301,493          |
| Office Furniture and Appliances..... | 3,149,971          |
| Harbour Buildings.....               | 724,135            |
| Central Heating Plants.....          | 16,579             |
| Harbour Shops.....                   | 354,372            |
| Electric Power System.....           | 1,995,799          |
| Water Supply System.....             | 502,975            |
| Floating Equipment.....              | 713,939            |
| Shore Equipment.....                 | 520,686            |
| Miscellaneous Small Plant.....       | 146,864            |
| Works under Construction.....        | 29,721,878         |
|                                      | <u>154,397,991</u> |

\$187,047,179

### LIABILITIES

#### CURRENT:

|   |                     |
|---|---------------------|
| Accounts Payable—General.....                 | \$ 397,879          |
| Accounts Payable—Construction Contractors.... | 936,964             |
| Contractors' Holdbacks.....                   | 915,273             |
| Deferred Income.....                          | 95,391              |
|   | <u>\$ 2,345,507</u> |

#### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra)

775,809

#### PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA:

Assets transferred to the Board on its establishment, and subsequently..... \$ 5,526,950

Loans and Advances..... 142,478,555

Interest in arrears on Loans and Advances..... 8,967,133

#### Reserves:

Replacement of Capital Assets. \$32,365,346

Fire and General Insurance..... 2,484,917

34,850,263

191,822,901

#### Deduct: Deficit—

Balance at beginning of year..... 6,686,046

Add: Loss for the year, per statement of Income and Expense..... 1,210,992

Balance at end of year..... 7,897,038

183,925,863

\$187,047,179

## HARBOUR OF MONTREAL

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961*(Excluding Jacques Cartier Bridge)*

## OPERATING INCOME

## Harbour—

|                       |            |            |
|-----------------------|------------|------------|
| Harbour Dues.....     | \$ 125,672 |            |
| Property Rentals..... | 43,281     |            |
| Miscellaneous.....    | 89,740     |            |
|                       |            | \$ 258,693 |

## Wharves and Piers—

|                          |           |           |
|--------------------------|-----------|-----------|
| Top Wharfage.....        | 3,738,843 |           |
| Dockage.....             | 1,013,284 |           |
| Wharf Space Rentals..... | 490,905   |           |
| Miscellaneous.....       | 43,396    |           |
|                          |           | 5,286,428 |

## Grain Elevator System—

|                    |           |           |
|--------------------|-----------|-----------|
| Elevation.....     | 1,841,474 |           |
| Storage.....       | 1,191,263 |           |
| Miscellaneous..... | 73,473    |           |
|                    |           | 3,106,210 |

## Cold Storage System—

|                    |         |         |
|--------------------|---------|---------|
| Storage.....       | 478,258 |         |
| Miscellaneous..... | 119,701 |         |
|                    |         | 597,959 |

## Permanent Sheds—

|                    |           |           |
|--------------------|-----------|-----------|
| Shed Rentals.....  | 1,049,708 |           |
| Storage.....       | 52,740    |           |
| Miscellaneous..... | 3,753     |           |
|                    |           | 1,106,201 |

## Railway System.....

|                             |         |               |
|-----------------------------|---------|---------------|
| Miscellaneous Services..... | 572,290 |               |
|                             | 646,038 |               |
|                             |         | \$ 11,573,819 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|   |           |           |
|---|-----------|-----------|
| Harbour (including \$148,336 for dredging)..... | 1,027,964 |           |
| Wharves and Piers.....                          | 284,988   |           |
| Grain Elevator System.....                      | 2,918,109 |           |
| Cold Storage System.....                        | 494,089   |           |
| Permanent Sheds.....                            | 400,774   |           |
| Railway System.....                             | 900,840   |           |
| Miscellaneous Services.....                     | 901,697   |           |
|   |           | 6,928,461 |

## Administrative—

|  |         |           |
|--|---------|-----------|
| Salaries.....  | 214,114 |           |
| Contributions to Public Service Superannuation Account | 205,536 |           |
| Office Expenses.....                                   | 21,516  |           |
| Miscellaneous.....                                     | 298,352 |           |
|  |         | 739,518   |
|  |         | 7,667,979 |

## NET OPERATING INCOME.....

3,905,840

## Add: Other Income—

|   |           |           |
|---|-----------|-----------|
| Income from Investments (less \$89,812 transferred to Reserves other than for Replacement of Capital Assets)..... | 1,013,914 |           |
| Miscellaneous.....  | 105,519   |           |
|   |           | 1,119,433 |
|   |           | 5,025,273 |

## Deduct: Special Charges—

|   |           |           |
|---|-----------|-----------|
| Provision for Interest on Loans and Advances..... | 4,004,979 |           |
| Provision for Replacement of Capital Assets.....  | 1,811,542 |           |
| Loss (net) on disposal of Capital Assets.....     | 70,726    |           |
| Other.....  | 349,018   |           |
|   |           | 6,236,265 |

## NET LOSS.....

\$ 1,210,992

JACQUES CARTIER BRIDGE—MONTREAL

TRAFFIC

Statement showing classification of revenue passages via Jacques Cartier Bridge during calendar year 1961, with comparison for 1960.

| —                                    | 1961       | 1960       |
|--------------------------------------|------------|------------|
| Automobiles.....                     | 14,681,986 | 13,796,027 |
| Trucks and Buses.....                | 2,317,917  | 2,284,862  |
| Buses (special agreement rates)..... | 344,083    | 357,983    |
| Total.....                           | 17,343,986 | 16,438,872 |

MAINTENANCE AND CAPITAL WORKS

MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$228,557.00. The work consisted of replacement of one steel armoured electric cable; building of concrete troughs and drainage along embankment, south approaches; renewal of guard rail; completion of the painting of the central span; priming and painting from pier "14" to pier "0"; repairs to expansion joints at overpasses "A", "B", "C" and "D" on the south approach.

CAPITAL WORKS

Expenditures on capital account amounted to \$340,786,00, which amount was provided from bridge revenues. The principal items were:

*Landscaping, Southern Approaches.*—To complete the alterations to the southern approaches, the landscaping of the side slopes of the roads was performed by Board forces and completed during the year.

*Construction of Additional Ramp from St. Helen's Island.*—In November, 1961, a contract was awarded to J. G. Fitzpatrick Limited, for the construction of abutment and piers for an additional ramp from St. Helen's Island. The work is scheduled to be completed in March, 1962.

*Directional Lane Signals.*—Bedard Girard Limited, was awarded a contract in April, 1961, for the installation of directional lane signals. The work was completed in September.



## INCOME AND EXPENSE

Bridge tolls and sundry receipts amounted to \$3,497,975, as compared with \$3,354,276 in 1960. Operating and maintenance expenses were \$777,422 as compared with \$738,556 in 1960. Net operating income was \$2,720,553 in 1961 as compared with \$2,615,720 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit in 1961 of \$1,958,436, as compared with a net profit of \$1,790,514 in the previous year.

# JACQUES CARTIER BRIDGE—MONTREAL BALANCE SHEET AS AT DECEMBER 31, 1961

## ASSETS

### CURRENT:

|  |                   |
|--|-------------------|
| Cash on hand and on deposit with the Receiver General of Canada.....     | \$ 366,874        |
| Accounts Receivable (less provision of \$250 for doubtful accounts)..... | 104,518           |
| Inventories of Operating and Maintenance Supplies, at cost.....          | 18,746            |
| Accrued Income.....  | 22,561            |
| Prepaid Expenses.....  | 25,268            |
|  | <u>\$ 537,967</u> |

### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra)

RESERVE FUND ASSETS (cash on deposit with the Receiver General of Canada \$1,838; Canada or Canada guaranteed bonds at amortized cost, \$472,800; market value, \$459,105) held for:  
Special Maintenance.....

DUE FROM THE PROVINCE OF QUEBEC under agreement to share Jacques Cartier Bridge deficits.....

DEFERRED CHARGE—unamortized balance of bond discount and redemption expense.....

### CAPITAL ASSETS, at cost:

|  |                      |
|--|----------------------|
| Bridge Construction and Right-of-Way, etc..... | 21,943,943           |
|  | <u>\$ 24,193,824</u> |

## LIABILITIES

### CURRENT:

|  |                   |
|--|-------------------|
| Accounts Payable—General.....                  | \$ 22,968         |
| Accounts Payable—Construction Contractors..... | 69,700            |
| Contractors' Holdbacks.....                    | 4,660             |
| Deferred Income.....                           | 144,414           |
|  | <u>\$ 241,742</u> |

### CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....

### PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA:

#### Loans and Advances:

|  |           |
|--|-----------|
| Capital Debt.....                        | 7,576,000 |
| Deficit Debt.....                        | 6,489,605 |
| Interest in arrears on Deficit Debt..... | 7,669,652 |

#### Reserves:

|   |                |
|---|----------------|
| Replacement of Capital Assets. \$ 4,914,345 |                |
| Special Maintenance.....                    | <u>474,638</u> |
|   | 5,388,983      |

27,124,240

#### Deduct: Deficit—

|   |                  |
|---|------------------|
| Balance at beginning of year.....                                   | 5,142,997        |
| Less: Profit for the year, per statement of Income and Expense..... | <u>1,958,436</u> |

Balance at end of year.....

23,939,679

\$ 24,193,824

**JACQUES CARTIER BRIDGE—MONTREAL**  
**STATEMENT OF INCOME AND EXPENSE FOR THE**  
**YEAR ENDED DECEMBER 31, 1961**

**OPERATING INCOME—**

|                      |                   |             |
|----------------------|-------------------|-------------|
| Bridge Tolls.....    | \$3,435,657       |             |
| Sundry Receipts..... | 62,318            |             |
|                      | <u>          </u> | \$3,497,975 |

**OPERATING EXPENSES—**

## Operation and Maintenance—

|                  |                   |         |
|------------------|-------------------|---------|
| Operation.....   | \$ 405,188        |         |
| Maintenance..... | 288,557           |         |
|                  | <u>          </u> | 693,745 |

## Administrative—

|  |                   |                |
|--|-------------------|----------------|
| Salaries.....  | 30,140            |                |
| Contributions to Public Service Superannuation Account.... | 14,042            |                |
| Office Expenses.....                                       | 2,284             |                |
| Miscellaneous.....   | 37,211            |                |
|  | <u>          </u> | 83,677         |
|  |                   | <u>777,422</u> |

NET OPERATING INCOME..... 2,720,553

**Add: Other Income—**

|  |                   |                  |
|--|-------------------|------------------|
| Income from Investments (less \$20,428 transferred to Reserves)..... | 196,019           |                  |
| Miscellaneous.....   | 42,239            |                  |
|  | <u>          </u> | 238,258          |
|  |                   | <u>2,958,811</u> |

**Deduct: Special Charges—**

|  |                   |                           |
|--|-------------------|---------------------------|
| Provision for Interest on Loans and Advances.....        | 720,099           |                           |
| Provision for Replacement of Capital Assets.....         | 198,440           |                           |
| Bond Discount and Bond Redemption Expense Amortized..... | 61,334            |                           |
| Other.....   | 20,502            |                           |
|  | <u>          </u> | 1,000,375                 |
| NET PROFIT.....  |                   | <u><u>\$1,958,436</u></u> |

## PRESCOTT ELEVATOR

Prescott elevator is situated on the St. Lawrence River about 118 miles upstream from Montreal and 60 miles downstream from Kingston. The facilities operated by the National Harbours Board include a grain elevator with a storage capacity of 5,500,000 bushels with 4 travelling marine towers, each with an unloading capacity of 35,000 bushels per hour, and facilities to load ocean vessels at the rate of 80,000 bushels per hour; 5,400 linear feet of wharf, and adequate railway trackage. A transit shed 200 feet by 60 feet is available for the handling of general cargo.

## TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total       |
|-------------------|------------|------------|-------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)       |
| <i>Via water—</i> |            |            |             |
| 1961.....         | 32,297,080 | 20,608,825 | 52,905,905  |
| 1960.....         | 22,124,448 | 11,222,240 | 33,347,688* |
| 1959.....         | 29,193,479 | 17,394,262 | 46,587,741  |
| 1958.....         | 68,195,782 | 56,255,231 | 124,451,013 |
| 1957.....         | 42,909,666 | 31,979,317 | 74,888,983  |
| <i>Via rail—</i>  |            |            |             |
| 1961.....         | 26,300     | 5,019,605  | 5,045,905   |
| 1960.....         | 6,349      | 5,536,387  | 5,542,736   |
| 1959.....         | 58,892     | 6,523,334  | 6,582,226   |
| 1958.....         | 30,616     | 8,075,012  | 8,105,628   |
| 1957.....         | 12,495     | 7,600,996  | 7,613,491   |
| <i>Via other—</i> |            |            |             |
| 1961.....         | 5,147      | 6,136,459  | 6,141,606   |
| 1960.....         | 14,303     | 5,867,354  | 5,881,657   |
| 1959.....         | 28,531     | 5,014,968  | 5,043,499   |
| 1958.....         | 21,773     | 3,732,410  | 3,754,183   |
| 1957.....         |            | 3,232,983  | 3,232,983   |
| <i>Total—</i>     |            |            |             |
| 1961.....         | 32,328,527 | 31,764,889 | 64,093,416  |
| 1960.....         | 22,146,100 | 22,625,981 | 44,772,081* |
| 1959.....         | 29,280,902 | 28,932,564 | 58,213,466  |
| 1958.....         | 68,248,171 | 68,062,653 | 136,310,824 |
| 1957.....         | 42,922,161 | 42,813,296 | 85,735,457  |

\* Corrected figures for 1960.

In addition to grain, over 31,000 tons of general cargo passed over Board facilities at Prescott. Of this amount, about 9,000 tons were handled through the new transit shed, the bulk of the remainder consisting of coal passing over open areas.



## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at an approximate cost of \$98,999.00. The principal items were painting outside surfaces of four marine unloading towers; painting a portion of inside spouting, basement floor; replacing one conveyor belt; resurfacing of approximately 30,000 square feet of elevator roofing; installation of safety gates at approaches to man lifts in marine towers; installation of floodlights for lighting signs on rail shipping house, applying fill to enlarge area around new shed to allow more room for trucks to maneuver, and general maintenance and repairs.

## CAPITAL WORKS

Expenditures on capital account amounted to \$28,284.00, which amount was provided from revenues. A number of minor additions and improvements were carried out including the following:—

*Paving of Road to Track Shed.*—Paving in front of office and sub-station building; drainage and paving dock area adjacent to transit shed; drilling of well and installation of wash room in transit shed, fresh drinking water now available to vessels wintering in this area; installation of additional floor sweeps to dust collector system, and purchase of a mobile fire pump.

## INCOME AND EXPENSE

Operating income amounted to \$1,009,170, as compared with \$882,058 in 1960. Operating expenses were \$501,760, as against \$465,771 in the previous year. Net operating income was \$507,410, as compared with \$416,287 in 1960.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net profit was \$562,032 in 1961, as compared with \$461,422 in the previous year. (Note: The profit reported in 1960 has been adjusted for comparative purposes from \$466,231 to \$461,422: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

PRESCOTT ELEVATOR  
BALANCE SHEET AS AT DECEMBER 31, 1961

| ASSETS   |                     | LIABILITIES   |                     |
|--|---------------------|---|---------------------|
| CURRENT—   |                     | CURRENT—  |                     |
| Cash on hand and on deposit with the Receiver General of Canada.....   | \$ 95,211           | Accounts Payable—General.....   | \$ 13,747           |
| Accounts Receivable.....   | 170,907             | Deferred Income.....  | 3,121               |
| Inventories of Operating and Maintenance Supplies, at cost.....  | 28,856              |   | <u>16,868</u>       |
|  | \$ 294,974          | CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....                      | 505                 |
| INVESTMENT IN CANADA OR CANADA GUARANTEED BONDS—<br>at amortized cost (market value, \$1,274,263).....   | 1,255,497           | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |                     |
| CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....   | 505                 | Assets transferred to the Board on its establishment, and subsequently..... | 4,895,940           |
| RESERVE FUND ASSETS—<br>(cash on deposit with the Receiver General of Canada, \$35,885; Canada or Canada guaranteed bonds at amortized cost, \$1,942,024; market value, \$1,922,890) held for: |                     | Reserves—   |                     |
| Replacement of Capital Assets.....   | 1,958,894           | Replacement of Capital Assets....   | \$1,888,331         |
| Fire and General Insurance.....  | 19,015              | Fire and General Insurance.....   | 19,015              |
|  | 1,977,909           |   | <u>1,907,346</u>    |
| CAPITAL ASSETS—<br>(at cost or estimated cost)   |                     |   | <u>6,803,286</u>    |
| Harbour Dredging.....  | 269,855             | Add: Surplus—   |                     |
| Real Estate.....   | 96,698              | Balance at beginning of year.....   | 1,440,634           |
| Roads, Fences and Boundaries.....  | 22,245              | Add: Profit for the year, per statement of Income and Expense.....          | 562,032             |
| Wharves and Piers.....   | 750,542             |   | <u>2,002,666</u>    |
| Permanent Sheds.....   | 2,078               | Balance at end of year.....   | 8,805,952           |
| Railway System.....  | 373,249             |   |                     |
| Grain Elevator System.....   | 3,758,615           |   |                     |
| Office Furniture and Appliances.....   | 7,802               |   |                     |
| Miscellaneous Small Plant.....   | 13,356              |   |                     |
|  | 5,294,440           |   |                     |
|  | <u>\$ 8,823,325</u> |   | <u>\$ 8,823,325</u> |

## PRESCOTT ELEVATOR

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME

## Harbour—

|                       |          |
|-----------------------|----------|
| Property Rentals..... | \$ 8,840 |
|-----------------------|----------|

## Wharves and Piers—

|                    |              |
|--------------------|--------------|
| Top Wharfage.....  | \$ 5,568     |
| Dockage.....       | 12,042       |
| Miscellaneous..... | 265          |
|                    | <hr/> 17,875 |

## Grain Elevator System—

|                    |               |
|--------------------|---------------|
| Elevation.....     | 508,945       |
| Storage.....       | 433,855       |
| Miscellaneous..... | 38,355        |
|                    | <hr/> 981,155 |

## Permanent Sheds—

|                   |       |
|-------------------|-------|
| Shed Rentals..... | 1,053 |
|-------------------|-------|

|                     |       |
|---------------------|-------|
| Railway System..... | 247   |
|                     | <hr/> |

\$1,009,170

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 439,838 |
|----------------------------|---------|

## Administrative—

|   |              |
|---|--------------|
| Salaries.....   | 28,164       |
| Contributions to Public Service Superannuation Account..... | 8,910        |
| Office Expenses.....  | 3,478        |
| Miscellaneous.....  | 21,370       |
|   | <hr/> 61,922 |

501,760

|                           |               |
|---------------------------|---------------|
| NET OPERATING INCOME..... | <hr/> 507,410 |
|---------------------------|---------------|

## Add: OTHER INCOME—

Income from Investments (less \$516 transferred to Reserves other than for

|                                     |         |
|-------------------------------------|---------|
| Replacement of Capital Assets)..... | 122,947 |
|-------------------------------------|---------|

|                    |               |
|--------------------|---------------|
| Miscellaneous..... | 4,021         |
|                    | <hr/> 126,968 |

634,378

## Deduct: SPECIAL CHARGES—

|  |        |
|--|--------|
| Provision for Replacement of Capital Assets..... | 72,055 |
|--|--------|

|            |              |
|------------|--------------|
| Other..... | 291          |
|            | <hr/> 72,346 |

|                 |                        |
|-----------------|------------------------|
| NET PROFIT..... | <hr/> <hr/> \$ 562,032 |
|-----------------|------------------------|

## PORT COLBORNE ELEVATOR

Port Colborne elevator is situated at the southern or Lake Erie entrance of the Welland Ship Canal. The facilities operated by National Harbours Board include 2,400 linear feet of wharf and a grain elevator with a storage capacity of 3,000,000 bushels, with 4 marine legs having an unloading capacity of 18,000 bushels per hour each and vessel loading facilities of 6 shipping spouts and 5 shipping bins with a loading capacity of 145,000 bushels per hour.

### TRAFFIC

Statement showing quantity of grain handled at the National Harbours Board terminal elevator during calendar year 1961, with comparisons for previous years.

| —                 | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1961.....         | 19,015,687 | 17,318,331 | 36,334,018 |
| 1960.....         | 8,762,108  | 6,952,890  | 15,714,998 |
| 1959.....         | 18,845,465 | 17,707,975 | 36,553,440 |
| 1958.....         | 46,200,300 | 44,324,824 | 90,525,124 |
| 1957.....         | 33,778,759 | 31,358,705 | 65,137,464 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         |            | 341,484    | 341,484    |
| 1960.....         |            | 312,535    | 312,535    |
| 1959.....         |            | 368,577    | 368,577    |
| 1958.....         | 1,707      | 691,897    | 693,604    |
| 1957.....         |            | 651,876    | 651,876    |
| <i>Via other—</i> |            |            |            |
| 1961.....         |            | 1,568,239  | 1,568,239  |
| 1960.....         |            | 1,244,833  | 1,244,833  |
| 1959.....         |            | 1,053,498  | 1,053,498  |
| 1958.....         |            | 1,189,351  | 1,189,351  |
| 1957.....         |            | 1,428,538  | 1,428,538  |
| <i>Total—</i>     |            |            |            |
| 1961.....         | 19,015,687 | 19,228,054 | 38,243,741 |
| 1960.....         | 8,762,108  | 8,510,258  | 17,272,366 |
| 1959.....         | 18,845,465 | 19,130,050 | 37,975,515 |
| 1958.....         | 46,202,007 | 46,206,072 | 92,408,079 |
| 1957.....         | 33,778,759 | 33,439,119 | 67,217,878 |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$63,702.00. The principal items were repairs to exterior walls of elevator annex and marine leg curtains, drying and varnishing coils and inspection of various motor bearings throughout the elevator, repairs to elevator roofs and dredging elevator slips and approaches.



## CAPITAL WORKS

Capital expenditures amounted to \$5,900 which amount was provided from Board revenues. The principal item was:—

*Erection of a Loading Spout.*—A contract was awarded to H. E. Heighton & Sons Limited, in July, 1961, for the supply and erection of a loading spout for ships. The contract was completed in 1961.

## INCOME AND EXPENSE

Operating income amounted to \$549,814, as compared with \$454,086 in 1960, an increase of \$95,728. Operating expenses were \$309,359, the corresponding figure for 1960 being \$284,564. Net operating income was \$240,455, as compared with \$169,522 in 1960.

After taking into account other income and deducting special charges, including provision for the replacement of capital assets, the net profit was \$252,362 in 1961 as compared with \$173,866 in the previous year. (Note: The profit reported in 1960 has been adjusted for comparative purposes from \$173,474 to \$173,866: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).

# PORT COLBORNE ELEVATOR BALANCE SHEET AS AT DECEMBER 31, 1961

## ASSETS

| CURRENT—   |             | LIABILITIES   |             |
|--|-------------|---|-------------|
| Cash on hand and on deposit with the Receiver General of Canada.....   |             | ACCOUNTS PAYABLE—GENERAL.....   |             |
| Accounts Receivable.....   |             |   |             |
| Inventories of Operating and Maintenance Supplies, at cost.....  |             | PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—                             |             |
| Prepaid Expenses.....  |             | Assets transferred to the Board on its establishment, and subsequently..... |             |
|  | \$ 188,687  |   | \$2,356,218 |
| INVESTMENT IN CANADA OR CANADA GUARANTEED BONDS—   |             | Reserves—   |             |
| at amortized cost (market value, \$764,801).....   |             | Replacement of Capital Assets.....  |             |
| RESERVE FUND ASSETS—   |             | Fire and General Insurance.....   |             |
| (cash on deposit with the Receiver General of Canada, \$33,452; Canada or Canada guaranteed bonds at amortized cost, \$697,011; market value, \$700,346) held for: |             |   | 1,494,525   |
| Replacement of Capital Assets.....   |             |   | 3,850,743   |
| Fire and General Insurance.....  |             |   |             |
|  | 717,976     |   |             |
|  | 12,487      |   |             |
| CAPITAL ASSETS—  |             | Add: Surplus—   |             |
| (at cost or estimated cost)  |             | Balance at beginning of year.....   |             |
| Real Estate.....   |             | Add: Profit for the year, per statement of Income and Expense.....          |             |
| Wharves and Piers.....   |             | Balance at end of year.....   |             |
| Railway System.....  |             |   | 528,784     |
| Grain Elevator System.....   |             |   |             |
| Office Furniture and Appliances.....   |             |   |             |
| Miscellaneous Small Plant.....   |             |   |             |
|  | 21,876      |   |             |
|  | 535,692     |   |             |
|  | 42,189      |   |             |
|  | 2,070,012   |   |             |
|  | 9,891       |   |             |
|  | 32,876      |   |             |
|  | 2,712,536   |   | 4,379,527   |
|  | \$4,385,967 |   | \$4,385,967 |

## PORT COLBORNE ELEVATOR

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME—

## Harbour—

|                       |    |     |
|-----------------------|----|-----|
| Property Rentals..... | \$ | 444 |
|-----------------------|----|-----|

## Grain Elevator System—

|                    |    |               |
|--------------------|----|---------------|
| Elevation.....     | \$ | 273,501       |
| Storage.....       |    | 251,494       |
| Miscellaneous..... |    | 24,375        |
|                    |    | <hr/> 549,370 |
|                    |    | <hr/> 549,814 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|                            |         |
|----------------------------|---------|
| Grain Elevator System..... | 266,313 |
|----------------------------|---------|

## Administrative—

|   |    |               |
|---|----|---------------|
| Salaries.....   | \$ | 21,159        |
| Contributions to Public Service Superannuation Account..... |    | 7,933         |
| Office Expenses.....  |    | 2,808         |
| Miscellaneous.....  |    | 11,146        |
|   |    | <hr/> 43,046  |
|   |    | <hr/> 309,359 |

|                           |         |
|---------------------------|---------|
| NET OPERATING INCOME..... | 240,455 |
|---------------------------|---------|

## Add: OTHER INCOME—

|  |               |
|--|---------------|
| Income from Investments (less \$233 transferred to Reserves other than for Replacement of Capital Assets)..... | 54,420        |
| Miscellaneous.....   | 1,134         |
|  | <hr/> 55,554  |
|  | <hr/> 296,009 |

## Deduct: SPECIAL CHARGES—

|  |              |
|--|--------------|
| Provision for Replacement of Capital Assets..... | 41,935       |
| Other.....                                       | 1,712        |
|  | <hr/> 43,647 |

|                 |    |         |
|-----------------|----|---------|
| NET PROFIT..... | \$ | 252,362 |
|-----------------|----|---------|

## HARBOUR OF CHURCHILL

The Harbour of Churchill is situated at the entrance of the Churchill River on the west side of Hudson Bay. It is open to navigation from about the 26th of July to the middle of October. The facilities operated by the National Harbours Board include 1,855 linear feet of wharf providing 4 deepsea berths, 3 with minimum depth of 30 feet and one with minimum depth of 28 feet; a steel transit shed 476 feet long by 173 feet wide; a grain elevator with storage capacity of 5,000,000 bushels, equipped with galleries and spouts allowing the loading of 3 ships at a time; railway tracks along the wharf; a locomotive crane of 15 ton capacity; a  $2\frac{1}{2}$  cubic yard crawler crane, and a marine slipway capable of handling boats up to 1,200 tons weight.

### SHIPPING

The 1961 season opened with the arrival of the first ocean vessel on July 22nd; the last sailing for an overseas destination being made on October 15th.

The number of ocean vessels calling at the harbour was the same as in the previous year, but over-all vessel arrivals decreased slightly due to less coastal activity.

#### VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 84                      | 271,361                      |
| 1960..... | 87                      | 288,905                      |
| 1959..... | 88                      | 287,794                      |
| 1958..... | 83                      | 257,249                      |
| 1957..... | 66                      | 197,829                      |

(Exclusive of naval vessels)

#### VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

|   | 1961                    |                              | 1960                    |                              |
|---|-------------------------|------------------------------|-------------------------|------------------------------|
|   | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
| Deepsea or ocean-going commercial.....                | 52                      | 235,942                      | 52                      | 248,665                      |
| Coastal or inland commercial (including fishery)..... | 32                      | 35,419                       | 35                      | 40,240                       |
| Other.....  |                         |                              |                         |                              |
| Total.....  | 84                      | 271,361                      | 87                      | 288,905                      |

(Exclusive of naval vessels)



## CARGO

Although there was a slight drop in grain shipments, new overseas shipments of nickel contributed to a small improvement in total exports.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward | Outward | Total   |
|------------------|--------|---------|---------|
|                  | (Tons) | (Tons)  | (Tons)  |
| <i>Foreign—</i>  |        |         |         |
| 1961.....        | 51,087 | 590,126 | 641,213 |
| 1960.....        | 73,766 | 589,317 | 663,083 |
| 1959.....        | 42,569 | 655,991 | 698,560 |
| 1958.....        | 33,421 | 592,851 | 626,272 |
| 1957.....        | 21,043 | 498,280 | 519,323 |
| <i>Domestic—</i> |        |         |         |
| 1961.....        | 17,705 | 23,049  | 40,754  |
| 1960.....        | 21,446 | 15,525  | 36,971  |
| 1959.....        | 22,230 | 15,995  | 38,225  |
| 1958.....        | 21,570 | 11,475  | 33,045  |
| 1957.....        | 180    | 6,242   | 6,422   |
| <i>Total—</i>    |        |         |         |
| 1961.....        | 68,792 | 613,175 | 681,967 |
| 1960.....        | 95,212 | 604,842 | 700,054 |
| 1959.....        | 64,799 | 671,986 | 736,785 |
| 1958.....        | 54,991 | 604,326 | 659,317 |
| 1957.....        | 21,223 | 504,522 | 525,745 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

## GRAIN ELEVATOR

Statement showing quantity of grain handled at the terminal elevator during calendar year 1961, with comparisons for previous years.

|                   | Receipts   | Shipments  | Total      |
|-------------------|------------|------------|------------|
|                   | (Bu.)      | (Bu.)      | (Bu.)      |
| <i>Via water—</i> |            |            |            |
| 1961.....         |            | 19,658,164 | 19,658,164 |
| 1960.....         |            | 19,793,906 | 19,793,906 |
| 1959.....         |            | 22,077,941 | 22,077,941 |
| 1958.....         |            | 20,109,555 | 20,109,555 |
| 1957.....         |            | 16,770,206 | 16,770,206 |
| <i>Via rail—</i>  |            |            |            |
| 1961.....         | 19,924,684 | 38,631     | 19,963,315 |
| 1960.....         | 19,910,741 |            | 19,910,741 |
| 1959.....         | 22,432,665 | 54,471     | 22,487,136 |
| 1958.....         | 20,260,662 |            | 20,260,662 |
| 1957.....         | 16,898,942 | 99,000     | 16,997,942 |
| <i>Via other—</i> |            |            |            |
| 1961.....         |            | 17         | 17         |
| 1960.....         |            |            |            |
| 1959.....         |            |            |            |
| 1958.....         |            |            |            |
| 1957.....         |            |            |            |
| <i>Total—</i>     |            |            |            |
| 1961.....         | 19,924,684 | 19,696,812 | 39,621,496 |
| 1960.....         | 19,910,741 | 19,793,906 | 39,704,647 |
| 1959.....         | 22,432,665 | 22,132,412 | 44,565,077 |
| 1958.....         | 20,260,662 | 20,109,555 | 40,370,217 |
| 1957.....         | 16,898,942 | 16,898,206 | 33,768,148 |

## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

*Basis: Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)*

|                  | Grain   | Petroleum<br>Oil, fuel | Ores and<br>concentrates<br>not other-<br>wise<br>specified | Nickel<br>and Nickel<br>Manu-<br>factures | Gasoline | Flour,<br>wheat | Lumber<br>(Planks<br>Boards and<br>Flooring)<br>and Square<br>Timber | Copper and<br>Copper<br>Mani-<br>factures<br>not other-<br>wise<br>specified | All Goods<br>not<br>otherwise<br>specified | Total   |
|------------------|---------|------------------------|---|---|----------|-----------------|--|--|--|---------|
| <i>Foreign—</i>  |         |                        |   |   |          |                 |  |  |  |         |
| Inward—          |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        |         | 43,489                 |   |   | 5,403    |                 |  |  | 2,195                                      | 51,087  |
| 1960.....        |         | 68,959                 |   |   |          |                 |  |  | 4,807                                      | 73,766  |
| Outward—         |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        | 580,576 |                        |   | 7,345                                     |          | 1,491           |  | 682  | 32   | 590,126 |
| 1960.....        | 589,317 |                        |   |   |          |                 |  |  |  | 589,317 |
| <i>Domestic—</i> |         |                        |   |   |          |                 |  |  |  |         |
| Inward—          |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        |         |                        | 17,354  |   |          |                 |  |  | 351  | 17,705  |
| 1960.....        |         |                        | 21,120  |   |          |                 |  |  | 326  | 21,446  |
| Outward—         |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        | 6,103   | 14,411                 | 3   |   | 617      | 90              | 763  | 3  | 1,059                                      | 23,049  |
| 1960.....        | 2,576   | 8,987                  |   |   | 854      | 61              | 298  |  | 2,749                                      | 15,525  |
| <i>Totals—</i>   |         |                        |   |   |          |                 |  |  |  |         |
| Inward—          |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        |         | 43,489                 | 17,354  |   | 5,403    |                 |  |  | 2,546                                      | 68,792  |
| 1960.....        |         | 68,959                 | 21,120  |   |          |                 |  |  | 5,133                                      | 95,212  |
| Outward—         |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        | 586,679 | 14,411                 | 3   | 7,345                                     | 617      | 1,581           | 763  | 685  | 1,091                                      | 613,175 |
| 1960.....        | 591,893 | 8,987                  |   |   | 854      | 61              | 298  |  | 2,749                                      | 604,842 |
| <i>Total—</i>    |         |                        |   |   |          |                 |  |  |  |         |
| 1961.....        | 586,679 | 57,900                 | 17,357  | 7,345                                     | 6,020    | 1,581           | 763  | 685  | 3,637                                      | 681,967 |
| 1960.....        | 591,893 | 77,946                 | 21,120  |   | 854      | 61              | 298  |  | 7,882                                      | 700,054 |

## MAINTENANCE AND CAPITAL WORKS

## MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$223,184.00. The principal items were repairing grain elevator equipment; replacing of sheeting on berth No. 3; repairing of power-house boilers and rebuilding of blow-down box; removing and replacing of roof over the auxiliary boilers; painting of the outside of Lake pumphouse and replacing of suction in the well; and the carrying out of general repairs and upkeep to harbour buildings and equipment.

## CAPITAL WORKS

Capital expenditures amounted to \$2,267,610 of which \$42,253 was provided from replacement fund and \$3,830 was provided from Board revenues. The principal items were:

*Construction of Extension to Wharf.*—A contract was awarded in April, 1961, to Drake Construction Company Limited, for the construction of the upstream and downstream wharf extensions. The contract was approximately 60% completed by the end of the 1961 season.

*Dredging.*—The dredging programme started during the year 1960, under contract with C. A. Pitts General Contractor Limited, was continued during the 1961 season. A total of 114,020 cubic yards of material was removed.

*Construction of 450 Cubic Yard Dump Scow.*—In 1960, a contract was awarded to Kingston Shipyards, Division of Canadian Shipbuilding & Engineering Limited for the construction of a 450 cubic yard dump scow. The scow was launched in July 1961.

*Construction of a Diesel Twin-Screw Tug.*—A contract was awarded to George T. Davie Company Limited, in March, 1961, for the construction of a diesel twin-screw tug. This tug is scheduled to be in operation for the opening of the 1962 navigation season.

*Minor Items.*—A number of minor additions and improvements were carried out including the following: Purchase and installation of dock office tile, purchase of shop equipment, cement mixer, one 3-ton truck, steel scaffolding, drafting and blue printing equipment, engineering instruments, two portable radio-telephone sets, a pointer and motor for harbour work, and one  $\frac{1}{2}$ -ton truck for engineering department.

*Note:* During 1961 the Board deleted from its capital assets the items Engineering—General Surveys and Sundry Expenditures—Undistributed, totaling \$4,446,157. As no part of this amount represented direct costs incurred in acquiring existing capital assets, and since the amount was not represented by actual assets, the Auditor General suggested to the Board that consideration be given to writing it off. As provision was being made annually for the extinguishing of these items there had accumulated in the reserve an amount of \$2,223,084, or approximately 50% of the amount required; therefore, in writing off these items \$2,223,084 was charged to reserve and \$2,223,073 to Surplus and Deficit account.

## INCOME AND EXPENSE

Operating income amounted to \$1,190,550, as compared with \$1,306,329 in 1960. Operating expenses were \$1,144,635, as against \$1,142,209 in the previous year. Net operating income was \$45,915 in 1961, as compared with \$164,120 in 1960.

After taking into account other income and deducting special charges, including interest on debt and provision for the replacement of capital assets, there was a net loss of \$315,063 in 1961, as compared with a net loss of \$191,520 in the previous year. (Note: The loss reported in 1960 has been adjusted for comparative purposes from \$191,530 to \$191,520: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).





## HARBOUR OF CHURCHILL

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME—

## Harbour—

|                       |          |           |
|-----------------------|----------|-----------|
| Harbour Dues.....     | \$ 2,977 |           |
| Property Rentals..... | 34,450   |           |
|                       |          | \$ 37,427 |

## Wharves and Piers—

|                    |        |        |
|--------------------|--------|--------|
| Top Wharfage.....  | 62,917 |        |
| Dockage.....       | 20,076 |        |
| Miscellaneous..... | 36     |        |
|                    |        | 83,029 |

## Grain Elevator System—

|                    |         |         |
|--------------------|---------|---------|
| Elevation.....     | 435,432 |         |
| Storage.....       | 286,777 |         |
| Miscellaneous..... | 168,657 |         |
|                    |         | 890,866 |

## Permanent Sheds—

|              |  |       |
|--------------|--|-------|
| Storage..... |  | 3,830 |
|--------------|--|-------|

|                             |         |             |
|-----------------------------|---------|-------------|
| Miscellaneous Services..... | 175,398 |             |
|                             |         | \$1,190,550 |

## OPERATING EXPENSES—

## Operation and Maintenance—

|  |         |         |
|--|---------|---------|
| Harbour (including \$33,946 for dredging)..... | 145,765 |         |
| Wharves and Piers.....                         | 30,325  |         |
| Grain Elevator System.....                     | 646,850 |         |
| Permanent Sheds.....                           | 6,036   |         |
| Miscellaneous Services.....                    | 165,837 |         |
|  |         | 994,813 |

## Administrative—

|   |        |           |
|---|--------|-----------|
| Salaries.....   | 80,328 |           |
| Contributions to Public Service Superannuation Account..... | 13,346 |           |
| Office Expenses.....  | 7,161  |           |
| Miscellaneous.....  | 48,987 |           |
|   |        | 149,822   |
|   |        | 1,144,635 |

|                           |        |
|---------------------------|--------|
| NET OPERATING INCOME..... | 45,915 |
|---------------------------|--------|

## Add: Other Income—

|  |        |        |
|--|--------|--------|
| Income from Investments (less \$3,170 transferred to Reserves other than for Replacement of Capital Assets)..... | 17,770 |        |
| Profit on disposal of Capital Assets.....  | 875    |        |
| Miscellaneous.....   | 949    |        |
|  |        | 19,594 |
|  |        | 65,509 |

## Deduct: Special Charges—

|   |         |         |
|---|---------|---------|
| Provision for Interest on Loans and Advances..... | 113,649 |         |
| Provision for Replacement of Capital Assets.....  | 262,745 |         |
| Other.....  | 4,178   |         |
|   |         | 380,572 |

|               |            |
|---------------|------------|
| NET LOSS..... | \$ 315,063 |
|---------------|------------|

HARBOUR OF VANCOUVER

The Harbour of Vancouver, situated in Burrard Inlet on the West coast of British Columbia, with direct access to the Pacific Ocean through the Straits of Georgia and Juan De Fuca, is served by the Canadian National, Canadian Pacific, Pacific Great Eastern and Great Northern Railways. The entrance channel to the harbour, which is open the year round, has a minimum depth of 39 feet. The National Harbours Board has piers, wharves and jetties with about 11,900 linear feet of berthing, providing 21 deepsea berths and 3 berths for coastal shipping, also 7 transit sheds with an aggregate floor area of about 678,000 square feet. The Board's 4 grain elevators have a total storage capacity of 10,838,500 bushels, a combined loading capacity of about 200,000 bushels per hour and 1½ miles of conveyor galleries. Besides, there are storage tanks with a capacity of over 870,000 imperial gallons for the handling of fish and vegetable oils, open wharves, booming grounds and special wharves are also provided for the fishing industry, one being complete with a shed, a small ice plant and freezing equipment for processing fish. A 40-ton fixed derrick is installed on Lapointe Pier.

SHIPPING

Although there was a decrease of 15% in the total number of vessel arrivals, this was entirely due to a slackened activity among small coastal craft. A record number of ocean vessels called at the port, and the overall net registered tonnage surpassed all previous years.

VESSELS—ARRIVALS

Statement showing number and net registered tonnage of vessels which arrived during calendar year 1961, with comparisons for previous years.

|           | Number<br>of<br>Vessels | Net<br>Registered<br>Tonnage |
|-----------|-------------------------|------------------------------|
| 1961..... | 24,535                  | 21,935,435                   |
| 1960..... | 28,792                  | 21,574,337                   |
| 1959..... | 29,099                  | 20,639,242                   |
| 1958..... | 30,123                  | 18,803,504                   |
| 1957..... | 31,433                  | 21,169,505                   |

(Exclusive of naval vessels)

## VESSELS—CLASSIFICATION

Statement showing classification, number and net registered tonnage of vessels which arrived during calendar year 1961, with comparison for 1960.

|   | 1961              |                        | 1960              |                        |
|---|-------------------|------------------------|-------------------|------------------------|
|   | Number of Vessels | Net Registered Tonnage | Number of Vessels | Net Registered Tonnage |
| Deepsea or ocean-going commercial.....                | 1,839             | 8,763,207              | 1,771             | 8,141,297              |
| Coastal or inland commercial (including fishery)..... | 22,696            | 13,172,228             | 27,021            | 13,433,040             |
| Other.....  |                   |                        |                   |                        |
| Total.....  | 24,535            | 21,935,435             | 28,792            | 21,574,337             |

(Exclusive of naval vessels)

## CARGO

An increase in cargo tonnage of 13% over the previous year gave the port an all-time record. Gains were registered in a variety of commodities, of which the most important were grain, lumber, coal, pulpwood and fuel oil. It is interesting to note the growth of new exports of sulphur and copper concentrates.

## CARGO TONNAGE—SUMMARY

Statement showing water-borne cargo tonnage unloaded from and loaded to vessels during calendar year 1961, with comparisons for previous years.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Inward    | Outward   | Total      |
|------------------|-----------|-----------|------------|
|                  | (Tons)    | (Tons)    | (Tons)     |
| <i>Foreign—</i>  |           |           |            |
| 1961.....        | 1,018,789 | 7,411,180 | 8,429,969  |
| 1960.....        | 1,157,163 | 5,832,673 | 6,989,836  |
| 1959.....        | 1,210,110 | 5,311,380 | 6,521,490  |
| 1958.....        | 1,020,507 | 5,280,253 | 6,300,760  |
| 1957.....        | 1,377,832 | 6,503,139 | 7,880,971  |
| <i>Domestic—</i> |           |           |            |
| 1961.....        | 3,196,783 | 2,413,594 | 5,610,377  |
| 1960.....        | 3,216,781 | 2,173,814 | 5,390,595  |
| 1959.....        | 3,004,178 | 1,909,311 | 4,913,489  |
| 1958.....        | 3,388,647 | 1,940,224 | 5,328,871  |
| 1957.....        | 3,217,351 | 2,024,178 | 5,241,529  |
| <i>Total—</i>    |           |           |            |
| 1961.....        | 4,215,572 | 9,824,774 | 14,040,346 |
| 1960.....        | 4,373,944 | 8,006,487 | 12,380,431 |
| 1959.....        | 4,214,288 | 7,220,691 | 11,434,979 |
| 1958.....        | 4,409,154 | 7,220,477 | 11,629,631 |
| 1957.....        | 4,595,183 | 8,527,317 | 13,122,500 |

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)



## CARGO TONNAGE—COMMODITIES

(Exclusive of ballast (non-revenue), bunkers, ships' stores, mail and passengers' baggage)

Statement showing principal commodities and tonnages thereof of water-borne cargo unloaded from and loaded to vessels during calendar year 1961, with comparison for 1960.

*Basis:* Tons, weight (2,000 lbs.) or measurement (40 cu. ft.)

|                  | Grain     | Lumber<br>(Planks,<br>Boards and<br>Flooring)<br>and<br>Square<br>Timber | Sand<br>and<br>Gravel | Petroleum<br>Oil,<br>fuel | Coal    | Logs,<br>Masts,<br>Piling,<br>Piprops,<br>Poles,<br>Posts,<br>Spars and<br>Ties<br>(railway) | Pulpwood | Gasoline | Woodpulp | Hog Fuel | Flour,<br>wheat |
|------------------|-----------|--|-----------------------|---------------------------|---------|--|----------|----------|----------|----------|-----------------|
| <i>Foreign—</i>  |           |  |                       |                           |         |  |          |          |          |          |                 |
| Inward—          |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        |           | 12,088   | 1,600                 | 63,369                    | .....   | 819  | .....    | 9,068    | 55       | .....    | .....           |
| 1960.....        |           | 11,490   | 10,884                | 77,314                    | .....   | 493  | .....    | 28,151   | .....    | .....    | .....           |
| Outward—         |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        | 4,750,568 | 742,712  | .....                 | 21,472                    | 723,658 | 131,453  | 157,556  | 80,610   | 33,818   | 129,044  | 208,064         |
| 1960.....        | 3,638,266 | 643,375  | .....                 | 5,928                     | 510,498 | 52,915   | 158,650  | 95,439   | 8,444    | 106,588  | 220,194         |
| <i>Domestic—</i> |           |  |                       |                           |         |  |          |          |          |          |                 |
| Inward—          |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        |           | 548,790  | 1,089,702             | .....                     | 3,270   | 546,078  | .....    | .....    | 329,138  | .....    | .....           |
| 1960.....        |           | 541,246  | 1,132,004             | .....                     | 9,258   | 479,476  | .....    | .....    | 331,591  | .....    | .....           |
| Outward—         |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        |           | 20,184   | 20,616                | 687,121                   | 12,121  | 49,697   | 401,174  | 313,282  | .....    | 156,480  | .....           |
| 1960.....        |           | 15,886   | 10,591                | 593,373                   | 21,693  | 45,754   | 283,690  | 301,731  | .....    | 163,782  | 245             |
| <i>Totals—</i>   |           |  |                       |                           |         |  |          |          |          |          |                 |
| Inward—          |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        |           | 560,878  | 1,091,302             | 63,369                    | 3,270   | 546,897  | .....    | 9,068    | 329,193  | .....    | .....           |
| 1960.....        |           | 552,736  | 1,142,888             | 77,314                    | 9,258   | 479,969  | .....    | 28,151   | 331,591  | .....    | .....           |
| Outward—         |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        | 4,750,568 | 762,896  | 20,616                | 708,593                   | 735,779 | 181,150  | 558,730  | 393,892  | 33,818   | 285,524  | 208,064         |
| 1960.....        | 3,638,266 | 659,261  | 10,591                | 599,301                   | 532,191 | 98,669   | 442,340  | 397,170  | 8,444    | 270,370  | 220,399         |
| Total—           |           |  |                       |                           |         |  |          |          |          |          |                 |
| 1961.....        | 4,750,568 | 1,323,774  | 1,111,918             | 771,962                   | 739,049 | 728,047  | 558,730  | 402,960  | 363,011  | 285,524  | 208,064         |
| 1960.....        | 3,638,266 | 1,211,997  | 1,153,479             | 676,615                   | 541,449 | 578,638  | 442,340  | 425,321  | 340,035  | 270,370  | 220,399         |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Paper,<br>newsprint | Motor<br>Vehicles<br>and<br>Parts | Cement<br>common<br>or<br>portland | Chemicals<br>not<br>otherwise<br>specified | Salt   | Sugar,<br>raw | Asbestos<br>and<br>Asbestos<br>Manu-<br>factures | Fertilizer<br>and<br>Fertilizer<br>Materials | Machinery<br>and<br>Parts<br>(except<br>otherwise<br>agricultural) | Dry<br>Goods,<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Band,<br>Bars, not<br>otherwise<br>specified |
|------------------|---------------------|-----------------------------------|------------------------------------|--|--------|---------------|--|--|--|--|--|
| <i>Foreign—</i>  |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| Inward—          |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | .....               | 119,375                           | 2,049                              | 12,147                                     | 90,443 | 90,003        | 1,600  | 3,410  | 13,386   | 46,754   | 58,174   |
| 1960.....        | .....               | 173,872                           | 1,531                              | 11,386                                     | 90,897 | 111,199       | 3,088  | 4,299  | 12,941   | 43,430   | 60,149   |
| Outward—         |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | 6,477               | 2,575                             | .....                              | 22,767                                     | .....  | .....         | 30,176   | 65,905                                       | 2,479  | 512  | 2,810  |
| 1960.....        | 6,288               | 1,282                             | .....                              | 14,032                                     | .....  | .....         | 24,545   | 113,032                                      | 2,192  | 733  | 6,017  |
| <i>Domestic—</i> |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| Inward—          |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | 158,565             | 1,007                             | 102,955                            | .....                                      | .....  | .....         | 53,190   | 7,515  | 18,028   | .....  | .....  |
| 1960.....        | 224,874             | 1,066                             | 108,137                            | .....                                      | .....  | .....         | 39,390   | 2,355  | 18,118   | .....  | .....  |
| Outward—         |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | .....               | 5,351                             | 10,129                             | 64,699                                     | 993    | .....         | .....  | .....  | 37,537   | 15,739   | 1,246  |
| 1960.....        | .....               | 6,077                             | 9,438                              | 64,435                                     | 192    | .....         | .....  | .....  | 43,386   | 14,760   | 2,017  |
| <i>Totals—</i>   |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| Inward—          |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | 158,565             | 120,382                           | 105,044                            | 12,147                                     | 90,443 | 90,003        | 54,790   | 10,925                                       | 31,414   | 46,754   | 58,174   |
| 1960.....        | 224,874             | 174,938                           | 109,668                            | 11,386                                     | 90,897 | 111,199       | 42,478   | 6,654  | 31,059   | 43,430   | 60,149   |
| Outward—         |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | 6,477               | 7,926                             | 10,129                             | 87,466                                     | 993    | .....         | 30,176   | 65,905                                       | 40,016   | 16,251   | 4,056  |
| 1960.....        | 6,288               | 7,359                             | 9,438                              | 78,467                                     | 192    | .....         | 24,545   | 113,032                                      | 45,578   | 15,493   | 8,034  |
| <i>Total—</i>    |                     |                                   |                                    |  |        |               |  |  |  |  |  |
| 1961.....        | 165,042             | 128,308                           | 115,133                            | 99,613                                     | 91,436 | 90,003        | 84,966   | 76,830                                       | 71,430   | 63,005   | 62,230   |
| 1960.....        | 231,162             | 182,297                           | 119,106                            | 89,853                                     | 91,089 | 111,199       | 67,023   | 119,686                                      | 76,637   | 58,923   | 68,183   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Sulphur | Feed,<br>animal or<br>poultry<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Tubes,<br>Pipe<br>and<br>Fittings | Ores<br>and<br>Con-<br>centrates<br>not<br>otherwise<br>specified | Grain<br>Products<br>(Mill<br>Products<br>except<br>Wheat<br>Flour) | Groceries,<br>not<br>otherwise<br>specified | Zinc<br>Ore | Wood<br>Laths,<br>Pickets,<br>Plywoods,<br>Shingles<br>and<br>Veneers | Fish<br>(including<br>Shell-<br>fish),<br>canned<br>or<br>preserved | Iron<br>or<br>Steel<br>scrap | Chinaware,<br>Earthen-<br>ware<br>and<br>Porcelain<br>ware |
|------------------|---------|--|---|---|---|---|-------------|---|---|------------------------------|--|
| <i>Foreign—</i>  |         |  |   |   |   |   |             |   |   |                              |  |
| Inward—          |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        |         |  | 45,819  | 728   | .....   | 9,317                                       | 18,114      | 25,411  | 4,125   | .....                        | 29,917   |
| 1960.....        |         |  | 40,985  | 1,036   | 73  | 9,309                                       | 1,611       | 17,963  | 3,922   | .....                        | 34,566   |
| Outward—         |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        | 21,355  | 49,942   | 1,619   | 22,946  | 30,086  | .....                                       | .....       | 1,876   | 10,421  | 26,730                       | .....  |
| 1960.....        | 1,609   | 13,287   | .....   | 18,466  | 41,636  | .....                                       | .....       | 5,451   | 9,303   | 8,595                        | .....  |
| <i>Domestic—</i> |         |  |   |   |   |   |             |   |   |                              |  |
| Inward—          |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        |         |  | .....   | 24,280  | .....   | .....                                       | 15,544      | 5,298   | 17,538  | 4,537                        | .....  |
| 1960.....        |         |  | .....   | 28,373  | .....   | .....                                       | 16,214      | 4,765   | 9,898   | 9,913                        | .....  |
| Outward—         |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        | 30,124  | 33   | 658   | .....   | 6,279   | 24,568                                      | .....       | 819   | .....   | .....                        | .....  |
| 1960.....        | 18,830  | 570  | 453   | .....   | 3,825   | 27,781                                      | .....       | 1,187   | .....   | .....                        | .....  |
| <i>Totals—</i>   |         |  |   |   |   |   |             |   |   |                              |  |
| Inward—          |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        |         |  | 45,819  | 25,008  | .....   | 9,317                                       | 33,658      | 30,709  | 21,663  | 4,537                        | 29,917   |
| 1960.....        |         |  | 40,985  | 29,409  | 73  | 9,309                                       | 17,825      | 22,728  | 13,820  | 913                          | 34,566   |
| Outward—         |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        | 51,479  | 49,975   | 2,277   | 22,946  | 36,365  | 24,568                                      | .....       | 2,695   | 10,421  | 26,730                       | .....  |
| 1960.....        | 20,439  | 13,857   | 453   | 18,466  | 45,461  | 27,781                                      | .....       | 6,638   | 9,303   | 8,595                        | .....  |
| Total—           |         |  |   |   |   |   |             |   |   |                              |  |
| 1961.....        | 51,479  | 49,975   | 48,096  | 47,954  | 36,365  | 33,885                                      | 33,658      | 33,404  | 32,084  | 31,267                       | 29,917   |
| 1960.....        | 20,439  | 13,857   | 41,438  | 47,875  | 45,534  | 37,090                                      | 17,825      | 29,366  | 23,123  | 9,508                        | 34,566   |

## CARGO TONNAGE—COMMODITIES—Continued

|                  | Cotton<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Tallow,<br>in-<br>edible | Toys   | Rock<br>and<br>Stone | Iron or<br>Steel<br>Manu-<br>factures<br>not<br>otherwise<br>specified | Iron or<br>Steel<br>Wire<br>and<br>Wire<br>Manu-<br>factures | Fruits,<br>fresh<br>not<br>otherwise<br>specified | Glass<br>and<br>Glass<br>Manu-<br>factures | Hardware<br>not<br>otherwise<br>specified | Zinc<br>Spelter | Lead<br>and<br>Lead<br>Manu-<br>factures |
|------------------|--|--------------------------|--------|----------------------|--|--|---|--|---|-----------------|--|
| <i>Foreign—</i>  |  |                          |        |                      |  |  |   |  |   |                 |  |
| Inward—          |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | 27,556   | .....                    | 26,249 | 1,019                | 21,466   | 22,629   | 22,509  | 20,854                                     | 3,322                                     | .....           | 36                                       |
| 1960.....        | 28,678   | .....                    | 30,126 | 447                  | 23,058   | 24,417   | 22,317  | 22,973                                     | 3,496                                     | .....           | 49                                       |
| Outward—         |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | .....  | 19,257                   | 27     | .....                | 575  | 29   | 108   | .....                                      | .....                                     | 17,917          | 17,142                                   |
| 1960.....        | .....  | 19,340                   | 90     | .....                | 321  | 30   | .....   | .....                                      | .....                                     | 18,615          | 9,767                                    |
| <i>Domestic—</i> |  |                          |        |                      |  |  |   |  |   |                 |  |
| Inward—          |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | .....  | 4,215                    | .....  | 18,892               | 64   | .....  | .....   | .....                                      | .....                                     | .....           | .....                                    |
| 1960.....        | .....  | 987                      | .....  | 29,575               | 446  | .....  | .....   | .....                                      | .....                                     | .....           | .....                                    |
| Outward—         |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | .....  | 3,513                    | .....  | 6,107                | 1,867  | 80   | .....   | .....                                      | 16,940                                    | 274             | .....                                    |
| 1960.....        | .....  | 707                      | .....  | 69,953               | 2,154  | 463  | .....   | .....                                      | 15,972                                    | 263             | .....                                    |
| <i>Totals—</i>   |  |                          |        |                      |  |  |   |  |   |                 |  |
| Inward—          |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | 27,556   | 4,215                    | 26,249 | 19,911               | 21,530   | 22,629   | 22,509  | 20,854                                     | 3,322                                     | .....           | 36                                       |
| 1960.....        | 28,678   | 987                      | 30,126 | 30,022               | 23,504   | 24,417   | 22,317  | 22,973                                     | 3,496                                     | .....           | 49                                       |
| Outward—         |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | .....  | 22,770                   | 27     | 6,107                | 2,442  | 109  | 108   | .....                                      | 16,940                                    | 18,191          | 17,142                                   |
| 1960.....        | .....  | 20,047                   | 90     | 69,953               | 2,475  | 493  | .....   | .....                                      | 15,972                                    | 18,878          | 9,767                                    |
| Total—           |  |                          |        |                      |  |  |   |  |   |                 |  |
| 1961.....        | 27,556   | 26,985                   | 26,276 | 26,018               | 23,972   | 22,738   | 22,617  | 20,854                                     | 20,262                                    | 18,191          | 17,178                                   |
| 1960.....        | 28,678   | 21,034                   | 30,216 | 99,975               | 25,979   | 24,910   | 22,317  | 22,973                                     | 19,468                                    | 18,878          | 9,816                                    |



## CARGO TONNAGE—COMMODITIES—Concluded

|                  | Lime   | Coffee Beans and Coffee Preparations | Petroleum Oil, refined or otherwise specified | Beverages, alcoholic | Iron or Steel structural | Paper, not otherwise specified | Copper Concentrates Matte and Ore | Jute and Jute Manufactures | Fruits, Canned or preserved | All Goods not otherwise specified | Total      |
|------------------|--------|--------------------------------------|---|----------------------|--------------------------|--------------------------------|-----------------------------------|----------------------------|-----------------------------|-----------------------------------|------------|
| <i>Foreign—</i>  |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| Inward—          |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        |        | 16,331                               | 9,272   | 12,001               | 10,382                   | 1,733                          |                                   | 12,409                     | 9,667                       | 143,583                           | 1,018,789  |
| 1960.....        |        | 16,277                               | 9,704   | 11,980               | 16,552                   | 3,092                          |                                   | 13,721                     | 6,046                       | 173,641                           | 1,157,163  |
| Outward—         |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        |        |                                      |   | 383                  | 2,405                    | 10,293                         | 12,939                            |                            | <sup>4</sup>                | 52,470                            | 7,411,180  |
| 1960.....        |        |                                      |   | 1,523                |                          | 10,438                         |                                   |                            | 39                          | 66,785                            | 5,832,673  |
| <i>Domestic—</i> |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| Inward—          |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        | 15,195 |                                      |   | 1,200                |                          | 597                            |                                   |                            |                             | 231,185                           | 3,196,783  |
| 1960.....        | 13,449 |                                      |   | 1,989                | 74                       | 1,188                          |                                   |                            |                             | 221,395                           | 3,216,781  |
| Outward—         |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        | 1,217  |                                      | 6,026   | 1,212                | 1,471                    | 1,146                          |                                   |                            |                             | 514,891                           | 2,413,594  |
| 1960.....        | 1,424  |                                      | 6,844   | 7,211                | 2,046                    | 2,752                          |                                   |                            |                             | 434,329                           | 2,173,814  |
| <i>Totals—</i>   |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| Inward—          |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        | 15,195 | 16,331                               | 9,272   | 13,201               | 10,382                   | 2,330                          |                                   | 12,409                     | 9,667                       | 374,768                           | 4,215,572  |
| 1960.....        | 13,449 | 16,277                               | 9,704   | 13,969               | 16,626                   | 4,280                          |                                   | 13,721                     | 6,046                       | 395,036                           | 4,373,944  |
| Outward—         |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        | 1,217  |                                      | 6,026   | 1,595                | 3,876                    | 11,439                         | 12,939                            |                            | <sup>4</sup>                | 567,361                           | 9,824,774  |
| 1960.....        | 1,424  |                                      | 6,844   | 8,734                | 2,046                    | 13,190                         |                                   |                            | 39                          | 500,114                           | 8,006,487  |
| Total—           |        |                                      |   |                      |                          |                                |                                   |                            |                             |                                   |            |
| 1961.....        | 16,412 | 16,331                               | 15,298  | 14,796               | 14,258                   | 13,769                         | 12,939                            | 12,409                     | 9,671                       | 942,129                           | 14,040,346 |
| 1960.....        | 14,873 | 16,277                               | 16,548  | 22,703               | 18,672                   | 17,470                         |                                   | 13,721                     | 6,085                       | 895,150                           | 12,308,431 |

## PASSENGERS

Statement showing number of passengers landed and embarked by vessels during calendar year 1961, with comparisons for previous years.

|                   | Landed  | Embarked | Total     |
|-------------------|---------|----------|-----------|
| <i>Foreign—</i>   |         |          |           |
| 1961.....         | 8,025   | 13,348   | 21,373    |
| 1960.....         | 7,831   | 8,494    | 16,325    |
| 1959.....         | 6,078   | 6,898    | 12,976    |
| 1958.....         | 5,574   | 4,859    | 10,433    |
| 1957.....         | 6,432   | 4,431    | 10,863    |
| <i>Coastwise—</i> |         |          |           |
| 1961.....         | 409,253 | 415,921  | 825,174   |
| 1960.....         | 472,645 | 512,035  | 984,680   |
| 1959.....         | 590,081 | 593,120  | 1,183,201 |
| 1958.....         | 476,066 | 494,199  | 970,265   |
| 1957.....         | 731,753 | 750,779  | 1,482,532 |
| <i>Total—</i>     |         |          |           |
| 1961.....         | 417,278 | 429,269  | 846,547   |
| 1960.....         | 480,476 | 520,529  | 1,001,005 |
| 1959.....         | 596,159 | 600,018  | 1,196,177 |
| 1958.....         | 481,640 | 499,058  | 980,698   |
| 1957.....         | 738,185 | 755,210  | 1,493,395 |

## GRAIN ELEVATORS

Statement showing quantity of grain handled at the terminal elevators during calendar year 1961, with comparisons for previous years.

|                   | Receipts    | Shipments   | Total       |
|-------------------|-------------|-------------|-------------|
|                   | (Bu.)       | (Bu.)       | (Bu.)       |
| <i>Via Water—</i> |             |             |             |
| 1961.....         | 161,083,856 | 161,083,856 | 161,083,856 |
| 1960.....         | 128,100,146 | 128,100,146 | 128,100,146 |
| 1959.....         | 145,894,474 | 145,894,474 | 145,894,474 |
| 1958.....         | 135,632,512 | 135,632,512 | 135,632,512 |
| 1957.....         | 138,385,580 | 138,385,580 | 138,385,580 |
| <i>Via rail—</i>  |             |             |             |
| 1961.....         | 166,187,478 | 1,052,304   | 167,239,782 |
| 1960.....         | 128,141,290 | 912,295     | 129,053,585 |
| 1959.....         | 146,944,991 | 2,084,010   | 149,029,001 |
| 1958.....         | 138,354,342 | 1,512,515   | 139,866,857 |
| 1957.....         | 141,553,239 | 2,061,796   | 143,615,035 |
| <i>Via other—</i> |             |             |             |
| 1961.....         |             | 470,006     | 470,006     |
| 1960.....         |             | 465,781     | 465,781     |
| 1959.....         |             | 552,695     | 552,695     |
| 1958.....         |             | 387,139     | 387,139     |
| 1957.....         | 13,445      | 474,408     | 487,853     |
| <i>Total—</i>     |             |             |             |
| 1961.....         | 166,187,478 | 162,606,166 | 328,793,644 |
| 1960.....         | 128,141,290 | 129,478,222 | 257,619,512 |
| 1959.....         | 146,944,991 | 148,531,179 | 295,476,170 |
| 1958.....         | 138,354,342 | 137,532,166 | 275,886,508 |
| 1957.....         | 141,566,684 | 140,921,784 | 282,488,468 |

## MAINTENANCE AND CAPITAL WORKS

### MAINTENANCE

Maintenance and repairs were carried out at a total cost of \$338,436. The principal items were removal of siltation from various berths, resurfacing a portion of Commissioner Street, deck renewal at Campbell Avenue Fishermen's Wharf, modernization of offices in Ballantyne Pier Sheds, progressive repairs to Ballantyne shed doors, installation of explosion proof wiring and electrical equipment No. 1 Elevator Grain Gallery, replacement of screenings Separator No. 2 Elevator, replacement of oat scalper and two screenings separators No. 3 Elevator, waterproofing storage bins No. 3 Elevator and improvements to ice delivery system Campbell Avenue Cold Storage Plant.

### CAPITAL WORKS

Capital expenditures amounted to \$785,707, which amount was provided from Board revenues. The principal items were:—

*Cargo Cranes, Centennial Pier.*—The contractors completed delivery and erection of the cargo cranes on Centennial Pier.

*Pelleting Plant, No. 3 Elevator.*—The Commonwealth Construction Company Limited completed the installation of the pelleting plant at No. 3 Elevator in August, 1961.

*Heatley Avenue Overpass.*—Swan, Wooster Engineering Company Limited were engaged to prepare plans and specifications for an overhead crossing over the railway tracks at Heatley Avenue. These were completed ready to call for tenders during December 1961.

*Commissioner Street Easterly access.*—Consulting Engineers Allen C. Smith and Associates were engaged to prepare plans and specifications for an overhead crossing over the Canadian Pacific Railway main line at the North end of Renfrew street to provide access to Commissioner Street from the easterly end. They are expected to be completed early in 1962.

*Coffee Shop, Granville Island.*—A contract to construct a new Coffee Shop on Granville Island was awarded to Brockland and Hemingway Limited in September 1961. Completion is expected early in January 1962.

*Seine Shed, False Creek Fishermen's Terminal.*—A contract was let to Metro Construction Company Limited for the construction of an additional Seine Shed at False Creek Fishermen's Terminal in February 1961. The work was completed in May 1961.

*Flax Cleaners, No. 3 Elevator.*—The capacity of the flax cleaning facilities at No. 3 Elevator was doubled under a contract awarded to Burns & Dutton Concrete and Construction Company Limited in June 1961. The work was completed in November 1961.

*Minor Items.*—A number of minor additions and improvements were carried out, including the following:—Installation of storm drainage at Commissioner Street, improvements and additions to fire escapes at No. 1 Elevator, No. 1 Elevator Annex, No. 2 Elevator and No. 3 Elevator, installation of destoners at No. 2 and No. 3 Elevators, replacement in fire resistant construction of wooden offices in No. 2 Elevator, improvements to sanitary facilities No. 3 Jetty, paving of access roadway to No. 3 Jetty and fencing in Board Property in the vicinity of Ballantyne and Centennial Piers.

## INCOME AND EXPENSE

Operating income was \$4,559,611, as compared with \$4,119,916 in 1960, while operating expenses were \$2,665,473 as compared with \$2,496,187 in 1960. Net operating income was \$1,894,138 in 1961, as compared with \$1,623,729 in 1960.

After taking into account other income and deducting special charges, including interest on debt and reserve for replacement of capital assets, there was a net profit of \$1,013,459, as compared with a net profit of \$798,094 in 1960. (Note: The profit reported in 1960 has been adjusted for comparative purposes from \$846,036 to \$798,094: certain items, such as profits or losses on disposal of capital assets and other minor charges or credits of a recurrent nature, formerly treated as surplus and deficit adjustments, are now included in the statement of income and expense).



# HARBOUR OF VANCOUVER

## BALANCE SHEET AS AT DECEMBER 31, 1961

### ASSETS

|   |                   |
|---|-------------------|
| <b>CURRENT—</b>   |                   |
| Cash on hand and on deposit with the Receiver General of Canada.....  | \$ 240,464        |
| Accounts Receivable (less provision of \$25,711 for doubtful accounts).....   | 500,030           |
| Inventories of Operating and Maintenance Supplies, at cost.....   | 30,161            |
| Accrued Income.....   | 22,050            |
|   | <u>\$ 792,705</u> |
| <b>INVESTMENT IN CANADA OR CANADA GUARANTEED BONDS—</b>   |                   |
| at amortized cost (market value, \$37,470).....   | 45,677            |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....</b>   | <u>140,992</u>    |
| <b>RESERVE FUND ASSETS—</b>   |                   |
| (cash on deposit with the Receiver General of Canada, \$508,165; Canada or Canada guaranteed bonds at amortized cost, \$9,381,697; market value, \$8,703,438) held for: |                   |
| Replacement of Capital Assets.....  | 9,422,892         |
| Fire and General Insurance.....   | 420,431           |
| Special Maintenance.....  | 46,529            |
|   | <u>9,889,852</u>  |

### CAPITAL ASSETS—

|                                      |                      |
|--------------------------------------|----------------------|
| (at cost or estimated cost)          |                      |
| Harbour Dredging.....                | 18,607               |
| Real Estate.....                     | 7,066,488            |
| Roads, Fences and Boundaries.....    | 504,200              |
| Sewers and Drains.....               | 29,368               |
| Miscellaneous Structures.....        | 47,224               |
| Wharves and Piers.....               | 17,011,087           |
| Permanent Sheds.....                 | 3,227,817            |
| Railway System.....                  | 33,589               |
| Grain Elevator System.....           | 10,013,385           |
| Cold Storage System.....             | 364,595              |
| Office Furniture and Appliances..... | 69,000               |
| Harbour Buildings.....               | 179,543              |
| Harbour Shops.....                   | 12,496               |
| Electric Power System.....           | 251,748              |
| Water Supply System.....             | 112,673              |
| Floating Equipment.....              | 41,184               |
| Shore Equipment.....                 | 939,676              |
| Miscellaneous Small Plant.....       | 75,128               |
| Works under Construction.....        | 89,268               |
|                                      | <u>40,087,676</u>    |
|                                      | <u>\$ 50,956,902</u> |

### LIABILITIES

|   |                     |
|---|---------------------|
| <b>CURRENT—</b>   |                     |
| Accounts Payable—General.....   | \$ 374,637          |
| Accounts Payable—Construction Contractors.....                              | 40,078              |
| Contractors' Holdbacks.....   | 1,793               |
| Deferred Income.....  | 199,355             |
|   | <u>\$ 615,863</u>   |
| <b>CONTRACTORS' SECURITY AND OTHER DEPOSITS (contra).....</b>               | <u>140,992</u>      |
| <b>PROPRIETARY EQUITY OF THE GOVERNMENT OF CANADA—</b>                      |                     |
| Assets transferred to the Board on its establishment, and subsequently..... | 2,661,404           |
| Loans and Advances.....   | 26,701,099          |
|   | <u>29,362,503</u>   |
| <b>Reserves—</b>  |                     |
| Replacement of Capital Assets....   | \$9,704,053         |
| Fire and General Insurance.....   | 420,431             |
| Special Maintenance.....  | 56,427              |
|   | <u>10,180,911</u>   |
|   | <u>39,543,414</u>   |
| <b>Add: Surplus—</b>  |                     |
| Balance at beginning of year.....   | 9,643,174           |
| Add: Profit for the year, per statement of Income and Expense.....          | 1,013,459           |
| Balance at end of year.....   | <u>10,656,633</u>   |
|   | <u>50,200,047</u>   |
|   | <u>\$50,956,902</u> |

## HARBOUR OF VANCOUVER

STATEMENT OF INCOME AND EXPENSE FOR THE  
YEAR ENDED DECEMBER 31, 1961

## OPERATING INCOME

## Harbour—

|                       |            |                    |
|-----------------------|------------|--------------------|
| Harbour Dues.....     | \$ 256,435 |                    |
| Cargo Rates.....      | 443,507    |                    |
| Handling.....         | 1,301,351  |                    |
| Property Rentals..... | 392,198    |                    |
| Miscellaneous.....    | 171,435    |                    |
|                       |            | <u>\$2,564,926</u> |

## Wharves and Piers—

|                          |         |                  |
|--------------------------|---------|------------------|
| Top Wharfage.....        | 512,447 |                  |
| Berthage.....            | 489,971 |                  |
| Wharf Space Rentals..... | 27,524  |                  |
| Miscellaneous.....       | 22,112  |                  |
|                          |         | <u>1,052,054</u> |

## Grain Elevator System—

|              |  |         |
|--------------|--|---------|
| Rentals..... |  | 611,256 |
|--------------|--|---------|

## Cold Storage System—

|                    |        |               |
|--------------------|--------|---------------|
| Storage.....       | 8,921  |               |
| Miscellaneous..... | 44,451 |               |
|                    |        | <u>53,372</u> |

## Permanent Sheds—

|                    |        |                |
|--------------------|--------|----------------|
| Shed Rentals.....  | 93,215 |                |
| Storage.....       | 43,751 |                |
| Miscellaneous..... | 5,586  |                |
|                    |        | <u>142,552</u> |

|                             |         |                    |
|-----------------------------|---------|--------------------|
| Miscellaneous Services..... | 135,451 |                    |
|                             |         | <u>\$4,559,611</u> |

## OPERATING EXPENSES

## Operation and Maintenance—

|   |           |                  |
|---|-----------|------------------|
| Harbour (including \$1,184,452 for handling)..... | 1,434,385 |                  |
| Wharves and Piers.....                            | 291,524   |                  |
| Grain Elevator System.....                        | 148,777   |                  |
| Cold Storage System.....                          | 47,820    |                  |
| Permanent Sheds.....                              | 314,893   |                  |
| Miscellaneous Services.....                       | 126,621   |                  |
|   |           | <u>2,364,020</u> |

## Administrative—

|   |         |                |
|---|---------|----------------|
| Salaries.....   | 97,036  |                |
| Contributions to Public Service Superannuation Account..... | 34,581  |                |
| Office Expenses.....  | 13,756  |                |
| Miscellaneous.....  | 156,080 |                |
|   |         | <u>301,453</u> |

2,665,473

|                           |           |
|---------------------------|-----------|
| NET OPERATING INCOME..... | 1,894,138 |
|---------------------------|-----------|

## Add: Other Income—

|   |         |                  |
|---|---------|------------------|
| Income from Investments (less \$19,491 transferred to Reserves other than for Replacement of Capital Assets)..... | 379,967 |                  |
| Miscellaneous.....  | 8,295   |                  |
|   |         | <u>388,262</u>   |
|   |         | <u>2,282,400</u> |

## Deduct: Special Charges—

|   |         |                  |
|---|---------|------------------|
| Provision for Interest on Loans and Advances..... | 813,947 |                  |
| Provision for Replacement of Capital Assets.....  | 431,873 |                  |
| Loss on disposal of Capital Assets.....           | 8,754   |                  |
| Other.....  | 14,367  |                  |
|   |         | <u>1,268,941</u> |

|                 |                    |
|-----------------|--------------------|
| NET PROFIT..... | <u>\$1,013,459</u> |
|-----------------|--------------------|

## HEAD OFFICE, OTTAWA

Statement of income and expense and balance sheet of head office are appended as a matter of record. The expenses of head office are assessed proportionately against the several harbours and properties managed by the National Harbours Board and the amount borne by each is included in the respective income and expense statements.

### STATEMENT OF INCOME AND EXPENSE FOR THE YEAR ENDED DECEMBER 31, 1961

#### INCOME—

|  |                   |
|--|-------------------|
| Assessments.....   | \$ 470,266        |
| Income from Workmen's Compensation Fund Investments (less \$65,636 applicable to Reserve)..... | —                 |
|  | <u>\$ 470,266</u> |

#### EXPENSE—

|   |                   |
|---|-------------------|
| Salaries of Board Members and Executive Officers.....       | 110,343           |
| Other Salaries.....   | 177,648           |
| Office Rent.....  | 28,169            |
| Advertising and Publications.....                           | 27,659            |
| Contributions to Public Service Superannuation Account..... | 23,651            |
| Office Stationery, Supplies, Equipment and Furnishings..... | 23,450            |
| Travelling Expenses.....                                    | 20,964            |
| Telephones and Telegrams.....                               | 10,067            |
| Postage.....  | 3,200             |
| Miscellaneous.....  | 7,098             |
| Treasury Office—Salaries and Expenses.....                  | 38,017            |
|   | <u>\$ 470,266</u> |

















SEP 28 1982



